

STATE OF ARKANSAS
ARKANSAS GEOLOGICAL SURVEY
George C. Branner
State Geologist

INFORMATION CIRCULAR 7

DIRECTORY OF ARKANSAS MINERAL PRODUCERS FOR 1935

Compiled by
Mary L. Gibson

LITTLE ROCK
1936

ACKNOWLEDGMENT TO THE WORKS PROGRESS ADMINISTRATION OF ARKANSAS

In order to assemble the data set out in this report, questionnaires were sent to each producer of minerals in Arkansas in 1935, by employees of the W.P.A. Project No. 65-63-3595, working under the direction of the State Geologist. Pay roll funds were furnished by the Works Progress Administration of Arkansas, while all supplies and materials were furnished by the Arkansas Geological Survey.

METHODOLOGY

From severance tax reports filed with the State Department of Revenues was prepared a list of producers of minerals in Arkansas in 1935. To each producer was sent a questionnaire. See Exhibit A 1. From these questionnaires List II was prepared. A card index was prepared from the questionnaires, according to the alphabet, and from this index List I was prepared. A card index was prepared from the questionnaires, according to counties, and from this index List III was prepared. All incorporation data was secured from the Secretary of State's office.

REPORT FORMS

See Exhibit A-1, 2, and 3.

DEFINITION OF TERMS

No unusual terms used.

LIMITATION OF DATA

Of the 274 producers in Arkansas in 1935, 131 answered and 143 did not answer. However, some of the 143 companies had answered previous questionnaires sent to them, and this information was used. When a company did not answer and no information was on file, the name, address, county, and mineral produced only were given.

LETTER OF TRANSMITTAL

ARKANSAS GEOLOGICAL SURVEY

December 1, 1936

Hon. J. M. Futrell,
Governor, State of Arkansas,
Little Rock, Arkansas.

Sir:

I have the honor to submit herewith our Information Circular 7, "Directory of Arkansas Mineral Producers for 1935." This circular has been compiled in accordance with a demand for such a directory by consumers of mineral products, prospectors, chambers of commerce, trade associations, and others.

The material has been compiled by Mary L. Gibson of the Arkansas Geological Survey, from severance tax reports filed with the State Department of Revenues, and from data secured from questionnaires sent to the producers.

Seventeen different mineral items, valued at \$15,204,865.06, were produced by 274 operators in Arkansas in 1935. In excess of 8,025 persons were employed by the mineral industry in the state during that year. It is of interest to note that, of the producers, 110, or 40.1 per cent, were coal producers; 83, or 30.3 per cent, were sand and gravel producers; and 46, or 16.8 per cent, were oil and natural gas producers. All others made up a total of 35, or 12.8 per cent.

Although the oil and natural gas industry employed only 2,036 persons, or 16.8 per cent of the total number employed in the mineral industry, it is significant to observe that the products sold by the oil and natural gas producers was valued at \$7,824,860.55, or 51.0 per cent of the total value of all mineral products for 1935.

Acknowledgment is accorded to the producing companies who, in many cases, went to considerable trouble to provide complete information concerning their organizations.

Respectfully submitted,

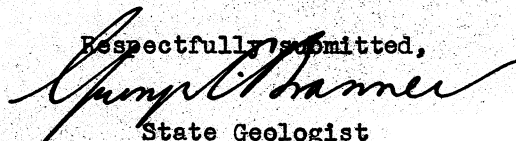

State Geologist

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INTRODUCTION

The mineral producers in this circular are classified in three separate lists. The first contains company or individual names in alphabetical order, and the minerals which they produce. The second list classifies the producers by products, and includes also the main office address of each producer, the Arkansas office address, incorporation data, location of plant, mine, or quarry, the means of transportation, capacity, equipment, and number of employees. The third list is of producers by counties and serves as a cross index when a location but not the name of the producer is known.

The following table indicates the number of producers, employees, and value of product:

Mineral product	No. of producers	Per cent	No. of employees	Producers reporting	Producers not reporting	Value of products ^{d/}	Per cent
Coal	110	40.1	3,827	52	58	\$ 2,277,670.46	14.980
Sand and gravel	83	30.3	498	18	65	686,175.91	4.513
Petroleum and gas	46	16.8	2,036	35	11	7,824,860.55	51.463
Stone	8	2.9	226	5	3	267,919.60	1.762
Bauxite	6	2.2	580	5	1	2,418,146.86	15.904
Clay ^{a/}	6	2.2	240	6	0	559,087.81	3.677
Mercury ore	3	1.1	90	2	1	637.91	.004
Glass sand	2	0.7	38	2	0	79,064.79	.520
Manganese ore ^{b/}	2	0.7	350	2	0	44,285.93	.291
Bentonite	2	0.7	5	1	1	8,992.64	.059
Zinc ore	2	0.7	^{c/}	0	2	8,328.88	.054
Cement	1	0.4	85	1	0	993,580.00	6.535
Rutile	1	0.4	30	1	0	11,822.00	.078
Tripoli	1	0.4	20	1	0	22,993.74	.151
Lead ore	1	0.4	^{c/}	0	1	1,297.98	.009
	<u>274</u>	<u>100.0</u>	<u>8,025</u>	<u>131</u>	<u>143</u>	<u>\$15,204,865.06</u>	<u>100.000</u>

^{a/} Includes clay products (brick).

^{b/} Includes manganiferous ore.

^{c/} Not given.

^{d/} Value obtained by using U. S. Bureau of Mines unit price statistics, except for petroleum and gas, for which severance tax value was used.

I. ALPHABETICAL LIST OF MINERAL OPERATORS IN 1935

Abraham, J. T., gravel
 Acme Brick Co., clay
 Acme Coal Co., coal
 Ada Brick Co., bentonite
 Alexander & Griffith, coal
 Allen Bros., coal
 Altus Supreme Coal Co., coal
 Altus Valley Coal Co., coal
 American Cyanamid & Chemical Co.,
 bauxite
 Argo Coal Co., coal
 Arkadelphia Sand & Gravel Co., sand
 and gravel
 Arkansas Anthracite Coal Co., coal
 Arkansas Bauxite Corp., bauxite
 Arkansas Black Marble Co., stone
 Arkansas Fuel Oil Co., oil
 Arkansas-Louisiana Gas Co., gas
 Arkansas Portland Cement Co., cement
 Arkola Sand & Gravel Co., sand and
 gravel
 Ashcraft, C. V., gravel
 Aurora Coal Co., coal

 Ballard, G. W., gravel
 Barnett, J. F. & C. A., gravel
 Barr Coal Co., coal
 Bartsch, Johnnie, coal
 Batesville White Lime Co., stone
 Batten, Albert, gravel
 Bearden Gravel Co., gravel
 Becker, Fred, coal
 Benson, H. C., coal
 Benton Gravel Co., gravel
 Benton, Hugh, gravel
 Bernice Anthracite Coal Co., coal
 Berry Asphalt Co., oil
 Big Rock Stone & Material Co., sand
 and stone
 Black Diamond Coal Co., coal
 Blissenbach, Peter, gravel
 Blue Ribbon Corp., coal
 Blue Star Coal Co., coal
 Boyd Excelsior Fuel Co., coal
 Brandon, W. J., coal
 Brookshire Coal Co., coal
 Brown, A., Coal Co., coal
 Burch Coal Co., coal
 Burns & Smith Coal Co., coal
 Butler & Hice, coal
 Byrum & Mann, sand and gravel

 Carbon Coal Co., coal
 Charleston Coal Co., coal
 Clark Coal Co., coal
 Clark, H. E., oil
 Clark-McWilliams Coal Co., coal
 Clift, M. H., gravel

Cline Bros. Coal Co., coal
 Clyne, Dr. A. G., gravel
 Coleman Coal Co., coal
 Collier-Dunlap Coal Co., coal
 Consolidated Gravel Co., gravel
 Continental Oil Co., oil
 Cook, C. W., gravel
 Corona Products, Inc., tripoli
 Cotton Belt Gravel Co., Inc.,
 gravel
 Crawford Bauxite Co., bauxite
 Crescent-Philpot Coal Co., coal
 Crosbie, J. E., Inc., oil
 Cross County Gravel Co., gravel
 Crouch Mining Co., Inc., bauxite
 Crow Creek Gravel & Sand Co.,
 sand and gravel
 Cumberland Petroleum Co., oil
 Cunningham, E., sand and gravel
 Curlee, Florence, gravel

 Denison, Walter H., manganese
 Diamond Anthracite Coal Co., coal
 Dickerson, N. B., coal
 Dickey, W. S., Clay Mfg. Co., clay
 Dixie Bauxite Co., bauxite
 Dixie Fuel Co., coal
 Drummond, Marvin, gravel
 Duluth-Arkansas Oil Co., oil

 Economy Coal Co., coal
 Emerson, W. D., gravel
 Empire Oil & Refining Co., oil
 Eureka Coal Co., coal
 Evans & Leding, coal
 Everton Silica Sand Co., Inc.,
 glass sand
 Excelsior Coal Co., Greenwood, coal
 Excelsior Coal Co., Hackett, coal
 Excelsior Coal Corp., coal
 Excelsior Red Ash Coal Co., coal
 Excelsior Thin Vein Coal Co., Inc.,
 coal

 Federal Oil Marketing Corp., oil and
 gas
 Fork, Jim, Coal Co., coal
 Fort Smith-Bonanza Coal Co., coal
 Fort Smith Coal Co., coal
 Friar, C. C., sand and gravel

 Gage, Dee, Coal Co., coal
 Gantt Gravel & Sand Co., gravel
 Goldsworthy, John, coal
 Goldsworthy, Opie, coal
 Graham-Henson Coal Co., coal
 GRC Oil Co., Inc., oil and gas
 Great Western Coal Co., coal

Green, D. S., coal
 Greeson, M. W., gas
 Groeber, P. M., coal
 Gulf Refining Co. of La., oil and gas

Hanshew, S. V., coal
 Harding Coal Co., coal
 Harper & James, sand and gravel
 Helena Oil & Gas Co., oil
 Helton, Ed, gravel
 Henderson Co., The, oil
 Hicks, R. A., zinc
 Holmes, Fuller, coal
 Hollyfield & McFarlane, oil
 Hope Brick Works, clay, sand and gravel
 Howard, J. W., gravel
 Hudson Sand & Gravel Co., sand and gravel
 Hunt, H. L., Inc., oil and gas

Ideal Coal Co., coal
 Imperial Oil & Gas Products Co., oil and gas
 Independence County Marble Co., stone
 Industrial Oil & Gas Co., gas
 Invaders Syndicate, oil
 Isbell, Fletcher F., mercury

Jackson Coal Co., coal
 Jacobs, E. L., Mine, coal
 Jacobs, Mrs. Josie, gravel
 Jansen, Will, gravel
 Jewel Mining Co., coal
 Johnson, C. W., gravel
 Johnson, Ira, gravel
 Jonesboro Brick Co., clay

Kimzey, Joe W., stone
 King, Jessie, gravel
 King, Miss M. D., gravel
 Kuykendall, E. L., coal

Lawson, A. R., gravel
 Lewis Coal Co., coal
 Lewis, Paul, gravel
 Liberty Coal Co., coal
 Liberty Oil Co., oil
 Lincoln Gravel Co., gravel
 Linke, Louis, gravel
 Lion Oil Refining Co., oil and gas
 Little Ben Coal Corp., The, coal
 Long & Couch Coal Co., coal
 Looper Coal Co., coal
 Lotta & Gossett, gravel
 Louisiana Oil Refining Corp., oil
 Lutesville Sand & Gravel Co., sand and gravel
 Lynch, Mrs. J. T., gravel
 Lyon, J. D., gravel
 McAdoo, S. A., coal

McCauley, Henry E., gravel
 McKinney, D. A., Coal Co., coal
 M. & W. Oil Corp., oil
 Mack Coal Co., coal
 Magnolia Petroleum Corp., oil and gas
 Majestic Coal Mining Co., coal
 Malvern Brick & Tile Co., clay
 Malvern Gravel Co., sand and gravel
 Mansfield Gas Co., gas
 Marine Oil Co., oil
 Melton Coal Co., coal
 Melton Excelsior Coal Co., coal
 Meriwether Sand & Gravel Co., gravel
 Mid-Continent Quicksilver Co., mercury
 Midland Coal Mining Co., coal
 Miller, F. J., gravel
 Miller, J. A., gravel
 Miners Coal Co., coal
 Mitchell, D. F., gravel
 Mobley Construction Co., sand and gravel
 Mumey, John B., Coal Co., coal

Nadel, I., oil
 Napier, G. C., coal
 Nelson, Charles, sand
 Nelson, J. P., gravel
 New Deal Coal Co., Paris, coal
 New Deal Coal Co., Prairie View, coal
 Newark Sand & Gravel Co., Inc., gravel
 New Shockley Coal Co., coal
 New Superfuel Coal Co., coal
 Nichols, Ray, Coal Co., coal
 Niloak Pottery & Tile Co., clay
 Nowlin, E., gravel

Ohio Oil Co., The, oil
 Oliver, Dolan, gravel
 Ozark Natural Gas Co., gas
 Ozark White Lime Co., stone

Painter, Nora, gravel
 Paris Purity Coal Co., coal
 Pearl City Packet Co., sand and gravel
 Penny, Tom, gravel
 Phillips Petroleum Co., oil
 Pine Bluff Sand & Gravel Co., sand and gravel
 Pollard, O. J., gravel
 Porter, T. L., gravel
 Producers Gravel & Sand Co., Inc., The sand and gravel

Quality Coal Co., coal
 Ra-Ja-Da Anthracite Co., coal
 Ramage, S. Y., oil
 Rauch, I., oil and gas
 Reader Gravel Co., gravel

- Red Glow Coal Corp., coal
- Red Rock Coal Co., coal
- Reinhard-Barr Coal Co., coal
- Reither, A. B., manganese
- Republic Mining & Manufacturing Co.,
bauxite
- Reynolds, Chas. W., gravel
- Reynolds, Dave, Corp., oil
- River Valley Gas Co., gas
- Robens Mining Co., mercury
- Roberts, Fred, gravel
- Robertson Coal Co., coal
- Root Petroleum Co., oil and gas
- Rowe, O. B., gravel
- Rowland, H. I., coal
- Ruttle Coal Co., coal

- Schmalz Bros. & Gack, coal
- Sebastian Coal Co., coal
- Sewell & Foster, coal
- SHA Oil Corp., oil
- Shoemaker, Glover L., gravel
- Silica Products Co., Inc., glass sand
- Simmons, Arthur, gravel
- Simms Oil Co., oil
- Skelly Oil Co., oil and gas
- Smith Coal Co., coal
- Smith, G. W., sand and gravel
- Smith, R. H., Coal Co., coal
- Smith, Rufus, gravel
- Smith & Russell, gravel
- Smokeless Coal Co., coal
- Smrekar, Frank, coal
- Southern Gas Producing Co., gas
- Southwest Sand & Gravel Co., sand and
gravel
- Spadra Coal Co., coal
- Standard Oil Co. of Louisiana, oil and
gas
- Stansberry, J. R., coal

- Sterling Coal Co., coal
- Stewart Coal Co., coal
- Sullivan Coal Co., coal
- Sun Smokeless Coal Co., coal
- Sunshine Anthracite Coal Co., coal

- Taylor, Ed, gravel
- Texarkana Oil Corp., oil
- Texas Co., The, oil and gas
- Thorntree Oil Corp., oil
- Titanium Corp., The, rutile
- Turman Oil Co., oil and gas
- Turner, M. B., coal
- Turner, R. B., coal
- Twin City Lumber & Supply Co.,
sand

- Union Church, gravel
- Urschel Lead & Zinc Mines, Inc.,
lead and zinc

- Van Buren Sand & Gravel Co., sand
and gravel
- Vandermuely, Jules, coal
- Victor Coal Co., coal

- Walker, J. C., gravel
- Watson & Sons Coal Co., coal
- West, A. W., gravel
- West, Robert V., bentonite
- Whelen Springs Gravel Co., gravel
- White River Marble & Building Stone
Co., stone
- Willey, E. D., coal
- Williams, C. F., & Sons, gravel
- Wilson, George, gravel
- Woodley Petroleum Co., oil
- Womble, W. E., & Sons, stone

- Young, R. A., & Son, coal

II. LIST OF MINERAL OPERATORS IN 1935 GROUPED BY MINERALS

BAUXITE

American Cyanamid & Chemical Corp., 30 Rockefeller Plaza, New York, N. Y.
 Arkansas office address: Route 4, Box 41, Bauxite, Ark.
 Incorporated Jan. 28, 1930, under laws of State of Delaware.
 Capitalization: none. Authorized shares: 1,000 of no par value.
 Issued and outstanding: \$5,832.00.
 Officers: M. J. Childers, Gen. Mgr. and Supt.; J. C. Childers, Engineer.
 Location: Mount Olive mine in Saline County; Rauch lease mine in Pulaski County.
 Transportation: Mount Olive mine on Chicago, Rock Island & Pacific Ry. Rauch
 lease, none.
 Capacity: 6,000 tons per year.
 Equipment: Mount Olive mine, oil-burning drier (3½ by 30 feet); Rauch lease
 mine, none (ore stacked at mouth of shaft).
 Number of employees: Mount Olive mine, 85.

Arkansas Bauxite Corp., West Bauxite, Ark.

Incorporated May 6, 1930, under laws of State of Arkansas.

Capitalization: \$25,000. Revoked June 21, 1933.

Officers: A. B. Pickett, Pres.; F. J. Venner, Sec., Treas. and Mgr.; Edw. Pickett, Vice Pres.

Location: Swampoodle, Saline County (on property of Standard Bauxite & Chemical Co.)

Transportation: Chicago, Rock Island & Pacific Ry.

Capacity: 5 cars of dried ore and 2 cars of calcined ore.

Equipment: 100-foot kiln.

Number of employees: 95.

Crawford Bauxite Co., 741 Donaghey Bldg., Little Rock, Ark.

Incorporated Apr. 27, 1934, under laws of State of Arkansas.

Capitalization: \$10,000.

Officers: Dr. S. R. Crawford, Pres.

Location: about 2½ miles southeast of town of Bauxite, Saline County.

Transportation: Chicago, Rock Island & Pacific Ry.

Capacity: 10 cars per week.

Equipment: 1 calciner 39 feet (3 feet, 9 inches in diameter); 1 drier 39 feet (2 feet, 9 inches in diameter).

Crouch Mining Co., Inc., P. O. Box 35, Bridge Station, Niagara Falls, N. Y.

Arkansas office address: RFD 4, Box 342, Little Rock, Ark.

Incorporated June 25, 1934, under laws of State of Delaware.

Capitalization: \$11,739.75 in Arkansas (100 shares at \$100).

Officers: Allen V. Parker, Pres.; Chas. Lockwood, Sec.; Arkansas agent, Wm. C. Crouch.

Location: Berger, Pulaski County.

Transportation: Chicago, Rock Island & Pacific Ry.

Number of employees: 28.

Dixie Bauxite Co., Sweet Home, Ark.

Incorporated Nov. 9, 1928, under laws of State of Arkansas.

Capitalization: \$40,000 (400 shares of common stock at \$100 par value).

Issued and outstanding, \$40,000.

Officers: Walter G. Hall, Pres.; Graham R. Hall, Vice Pres. and Sec.; Bennie Lee Johnson, Treas.

Location: 2½ miles from Sweet Home, Pulaski County.

Transportation: Missouri Pacific RR.

Capacity: 200 tons per day.

Equipment: 5 hoisting machines, 1 calciner, 1 drier, 1 loader, 2 gasoline engines for dinky, 8 pumps, 1 boiler, 1 air compressor, 2 magnetic separators, 3 crushers, 1 cooler, and 2 trucks.

Number of employees: 49.

Republic Mining & Manufacturing Co., 3015 New York Central Bldg., New York, N. Y.

Arkansas office address: Bauxite, Ark.

Incorporated January 1, 1930, under laws of State of Delaware.

Capitalization: \$25,000 (1,000 shares of no par value, at statutory value of \$25 per share). Issued and outstanding, \$25,000.

Officers: Winthrop C. Neilson, Pres.; L. L. Branting, Gen. Mgr.

Location: Ratcliff lease, 1/2 mile southeast of city limits of Little Rock, Pulaski County; Bauxite mine at Bauxite, Saline County.

Transportation: Missouri Pacific RR.

Capacity: Ratcliff lease, 6 cars per day; Bauxite mine, 30 cars per day.

Equipment: Ratcliff lease, oil-burning drier and calciner; Bauxite mine, 5 driers and 4 calciners.

Number of employees: Ratcliff lease, 33; Bauxite mine, 330.

BENTONITE

Ada Brick Co., Ada, Okla.

Location of mine: near Malvern, Hot Spring County.

Transportation: Chicago, Rock Island & Pacific Ry.

Equipment: mined by teams and men

Owner: John R. Harris.

West, Robert V., 218 Cole Bldg., Tulsa, Okla.

Location of mine: NE. $\frac{1}{4}$ NE. $\frac{1}{4}$ sec. 23, T. 2 S., R. 13 W., Saline County (about 13 miles south of Little Rock, Pulaski County).

Transportation: by trucks 11 miles to Chicago, Rock Island & Pacific Ry.

Equipment: tunnel-type drier, cars on tracks.

Average number of employees: 5.

CEMENT

Arkansas Portland Cement Co., Okay, Ark.

Subsidiary of Ideal Cement Co., Denver National Bldg., Denver, Colorado.

Incorporated May 28, 1927, under laws of State of Arkansas.

Capitalization: 100,000 shares of common stock at no par value.

Issued and outstanding, \$250,000.

Officers: C. Boettcher, Pres., Denver, Colo.; R. J. Morse, Vice Pres. & Gen.

Mgr., Denver, Colo.; M. O. Matthews, Sec.-Treas., Ada, Okla., J. F. Kaufman, Supt., Okay, Ark.

Location of plant: Okay, Howard County.

Transportation: Graysonia, Nashville & Ashdown RR.

Capacity: 1,000,000 barrels yearly.

Equipment: general cement mill equipment.

Number of employees: 85.

CLAY

Acme Brick Co., Fort Worth, Texas.

Arkansas office addresses: Malvern; Perla; 208 Louisiana St., Little Rock; and Greenwood Road.

Incorporated Apr. 29, 1920, under laws of State of Texas.

Capitalization: \$1,750,000. Issued and outstanding, \$575,155 in Hot Spring County, Ark.

Officers: C. L. Sewell, Dist. Supt., Fort Worth, Tex.

Location of plants: Malvern, Hot Spring County; Perla, Hot Spring County, Little Rock, Pulaski County (idle in 1935); and Greenwood Road, Sebastian County.

Materials produced: Malvern, face and common brick; Perla, face brick, fire brick, building tile, and drain tile; Little Rock, common brick; Greenwood Road, face brick, common brick, hollow building tile, and drain tile.

Transportation: Malvern and Perla on Missouri Pacific RR. and Chicago, Rock Island & Pacific Ry.; Greenwood Road and Little Rock on Missouri Pacific RR.

Capacity: Malvern, 8,000,000 common brick and 8,000,000 face brick; Perla, 36,000,000 face brick, 2,000 tons tile, 2,500,000 fire brick; Little Rock, 43,197,120 brick; Greenwood Road, 45,000 tons.

Equipment: Malvern, electric power; Perla, electric power; Little Rock, steam power; Greenwood Road, steam power.

Number of employees: Malvern, 13; Perla, 31; Little Rock, 5 (when operating); Greenwood Road, 11.

Dickey, W. S., Clay Mfg. Co., Texarkana, Texas.

Incorporated Nov. 1, 1934, under laws of State of Delaware.

Capitalization: \$10,472.99.

Officers: G. R. Payne, Mgr.

Location: clay pit at Texarkana, Miller County, Ark. (plant in Texas).

Materials produced: sewer pipe.
Transportation: Missouri Pacific RR.
Capacity: 500 tons per day.
Equipment: dragline, gasoline motor, and pump.
Number of employees: 7.

Hope Brick Works, Hope, Ark. (See also Sand and Gravel.)
Officers: N. P. O'Neal, Owner; E. N. O'Neal, Plant Mgr.; Maud Lipscomb, Office Mgr.
Location of plant: Hope, Hempstead County.
Materials produced: face brick, common brick, drain tile, building tile, radial brick, flue linings, flue thimbles.
Transportation: Louisiana & Arkansas Ry., Missouri Pacific RR., and St. Louis-San Francisco Ry.
Capacity: 28,000 tons per year.
Equipment: dry pans, elevators, screens, pug mills, brick machines, cutters, driers, Minter kilns, depressed loading trucks.
Number of employees: 30 to 72.

Jonesboro Brick Co., Jonesboro, Ark.
Officers: E. C. Stuck, Owner and Mgr.
Location of plant: Jonesboro, Craighead County.
Material produced: dry-pressed brick.
Transportation: By truck and wagon to St. Louis-San Francisco Ry. and St. Louis Southwestern Ry.
Capacity: 6,500,000 pressed brick per year.
Electric power.
Number of employees: 16.

Malvern Brick & Tile Co., Malvern, Ark.
Sales office: 218 West Second St., Little Rock, Ark.
Incorporated Jan. 19, 1925, under laws of State of Arkansas.
Capitalization: \$100,000 (1,000 shares at \$100). Issued and outstanding, \$100,000.
Officers: G. A. Callahan, Pres.; Mrs. A. B. Cook, Vice Pres.; Geo. B. Cox, Sec.; C. G. Bryan, Treas.
Location of plant: Malvern, Hot Spring County.
Material produced: common and face brick, hollow building tile.
Transportation: Missouri Pacific RR. and Chicago, Rock Island & Pacific Ry.
Capacity: 70,000 brick per day.
Number of employees: 55.

Niloak Pottery & Tile Co., Benton, Ark.
Sales office: 709 Rector Bldg., Little Rock, Ark.
Incorporated Sept. 6, 1928, under laws of State of Arkansas.
Capitalization: 1,000 shares of common stock at no par value. Issued and outstanding, \$74,000.
Officers: C. L. Durrett, Pres.; H. L. Winburn, Jr., Vice Pres. and Gen. Mgr.; Austelle Lloyd, Sec.-Treas.
Location of plant: Benton, Saline County.
Material produced: stoneware and "Niloak" art pottery.
Transportation: Missouri Pacific RR. and Chicago, Rock Island & Pacific Ry.
Capacity: 180,000 gallons stoneware and 100,000 pieces art pottery per year.
Number of employees: 35.

COAL

Alexander & Griffith, Huntington, Ark.
Location of mine: 1/2 mile west of Huntington, Sebastian County.
Name of mine: Mine No. 2.

Superintendent: John Alexander.
 Transportation: St. Louis-San Francisco Ry.
 Small slope opening driven down 50 feet on Hartshorne coal seam, which measures 6 feet in thickness at this point. Mine is developed on room and pillar system. Coal is hand-dug. Steam power.
 Number of employees: 2 officials, 40 miners; total, 42.

Allen Bros., Route 4, Springdale, Ark.
 Location of mine: 5½ miles southeast of Springdale, Washington County.
 Name of mine: Zion Coal Field Mine.
 Superintendent: B. Allen.
 Slope opening driven down 18 feet to coal seam, which averages 14 inches in thickness at this point. Mine is developed on room and pillar system. Coal is pick-mined.
 Number of employees: 1 official, 3 miners; total, 4.

Arkansas Anthracite Coal Co., Clarksville, Ark.
 Incorporated June 27, 1928, under laws of State of Delaware.
 Capitalization: \$7,500.
 Location of mine: 4 miles west of Clarksville, Johnson County.
 Superintendent: Pat McWilliams.
 Transportation: Missouri Pacific RR.
 Slope opening driven down 3,000 feet on Spadra coal seam, which is 3 feet, 6 inches to 4 feet, 2 inches in thickness at this point. Overburden is from 40 to 160 feet. Mine is developed on room and pillar system. Coal is machine-mined and hand-dug. Electric power.
 Number of employees: 3 officials, 72 miners; total, 75.

Barr Coal Co., Hackett, Ark. (Name changed to Excelsior Thin Vein Coal Co., on Mar. 31, 1936.)
 Incorporated Aug. 12, 1931, under laws of State of Arkansas.
 Capitalization: \$2,000 (20 shares at \$100). All paid in.
 Location of mine: Hackett, Sebastian County.
 Superintendent: R. J. Barr.

Bernice Anthracite Coal Co., McAlester, Okla.
 Incorporated June 25, 1925, under laws of State of Delaware.
 Capitalization: \$15,000 (150 shares at \$100). All paid in.
 Officers: J. G. Puterbaugh, Pres., McAlester, Okla.
 Location of mine: 2 miles south of Russellville, Pope County.
 Name of mine: Mine No. 3.
 Superintendent: John A. McCurry.
 Transportation: Dardanelle & Russellville RR., which connects with Missouri Pacific RR. at Russellville.
 Slope opening driven down 5,100 feet on Bernice coal seam, which averages 3 feet, 4 inches in thickness, with middleband from 4 to 10 inches thick. Mine is developed on panel system. Coal is mined by long-wall mining machines. Electric power.
 Number of employees: 250 to 300.

Black Diamond Coal Co., Altus, Ark.
 Incorporated Oct. 9, 1924, under laws of State of Arkansas.
 Capitalization: \$6,000 (120 shares at \$50). All paid in.
 Officers: Mike White, Pres.; C. M. Hoffman, Sec.; Henry Hoffman, Treas.
 Location of mine: 2 miles west of Altus, Franklin County.
 Name of mine: Black Diamond Mine.
 Superintendent: Mike White.
 Transportation: Missouri Pacific RR.
 Shaft opening driven down 76 feet on Altus coal seam, which averages 24 inches in thickness at this point. Mine is developed on long-wall system. Coal

is machine-mined. Electric power.
Number of employees: 10.

Blue Ribbon Corp., Paris, Ark.

Incorporated Oct. 26, 1933, under laws of State of Arkansas.
Capitalization: \$4,000 (400 shares at \$10).
Officers: J. C. Stutz, Pres., Kansas City, Mo.
Location of mine: 2 miles northeast of Paris, Logan County.
Name of mine: Blue Ribbon Mine.
Superintendent: L. L. Savage.
Transportation: Missouri Pacific RR.
Slope opening driven down 1,700 feet on Paris coal seam, which averages 20 inches in thickness at this point. Mine is developed on long-wall system.
Coal is mined by long-wall mining machines. Electric power.
Number of employees: 3 officials, 70 miners; total, 73.

Blue Star Coal Co., Alix, Ark.

Officers: C. L. Melton, Pres.
Location of mine: Denning, Franklin County.
Name of mine: Western No. 6.
Superintendent: C. L. Melton.
Transportation: Missouri Pacific RR.
Shaft opening on Hartshorne coal seam, which averages 26 inches in thickness at this point. Mine is developed on long-wall system. Coal is machine-mined.
Steam and electric power.
Number of employees: 1 official, 9 miners; total, 10.

Boyd Excelsior Fuel Co., P. O. Box 258, Fort Smith, Ark.

Incorporated Nov. 19, 1934, under laws of State of Delaware.
Capitalization: \$2,000.
Officers: Robert Boyd, Pres.; Degen Boyd, Vice Pres.; J. C. Reinhard, Sec.; H. W. Reinhard, Treas.
Location of mine: Excelsior, Sebastian County.
Name of mine: Mine No. 4.
Superintendent: Robert Boyd.
Transportation: Midland Valley RR.
Slope opening driven down from coal crop on Excelsior coal seam, which averages 32 inches in thickness at this point. Mine is developed on long-wall system. Coal is machine-mined. Electric power.
Number of employees: 3 officials, 30 miners; total, 33.

Burch Coal Co., Box 75, Midland, Ark.

Location of mine: Montreal, Sebastian County.
Superintendent: Bill Burch.
Transportation: St. Louis-San Francisco Ry.
Drift opening. Mine is developed on room and pillar system. Coal is hand-dug.
Mule power.
Number of employees: 1 official, 20 miners; total, 21.

Carbon Coal Co., Paris, Ark.

Incorporated Sept. 4, 1931, under laws of State of Arkansas.
Capitalization: \$600 (12 shares at \$50).
Officers: G. S. Minmier, Sr.; Pres.; G. S. Minmier, Jr., Sec.
Location of mine: 5 miles west of Paris, Logan County.
Name of mines: Carbon No. 1 and Carbon No. 2.
Superintendent: G. S. Minmier, Jr.
Transportation: Missouri Pacific RR.
Slope opening driven down approximately 150 feet on Paris coal seam, which averages 19 inches in thickness at this point. Mine is developed on long-

wall system. Coal is machine-mined. Electric power.
Number of employees: 65.

Charleston Coal Co., 500 South 19th St., Fort Smith, Ark.

Incorporated Apr. 21, 1922, under laws of State of Arkansas.

Capitalization: \$100,000 (1,000 shares at \$100).

Officers: A. F. McElhenie, Pres.; J. F. Lake, Vice Pres.; Esther M. Allen, Sec.-Treas.

Location of mine: 3 miles northeast of Charleston, Franklin County.

Name of mine: Allen Mine.

Superintendent: J. F. Lake.

Strip mine, 25 feet from surface to top of Charleston coal seam, which is 15 inches in thickness at this point. Coal is machine-mined and hand-loaded. Electric power (8-yard electric shovel).

Number of employees: 3 officials, 50 miners; total, 53.

Clark Coal Co., Clarksville, Ark.

Incorporated Aug. 31, 1931, under laws of State of Arkansas.

Capitalization: \$10,000 (400 shares at \$25). All paid in.

Location of mine: 3 miles south of Clarksville, Johnson County.

Superintendent: H. G. Clark.

Transportation: Missouri Pacific RR.

Slope opening driven down 75 feet on Spadra coal seam, which measures 3 feet in thickness at this point. Mine is developed on long-wall system. Coal is machine mined. Electric power.

Number of employees: 2 officials, 47 miners; total, 49.

Clark-McWilliams Coal Co., Clarksville, Ark.

Incorporated Mar. 6, 1922, under laws of State of Arkansas.

Capitalization: \$24,000 (960 shares at \$25). All paid in.

Officers: T. M. Clark, Pres.; A. F. Ward, Vice Pres.; A. N. Ragon, Sec.

Location of mine: 3 miles west of Spadra, Johnson County.

Name of mine: Igo Mine.

Superintendent: Tom Clark.

Transportation: Missouri Pacific RR.

Shaft opening driven down 320 feet on Spadra coal seam, which is 3 feet, 4 inches in thickness at this point, with middleband 2 inches thick. Mine is developed on double entry, room and pillar system. Coal is machine-mined. Electric and steam power.

Number of employees: 5 officials, 140 miners; total, 145.

Coleman Coal Co., Charleston, Ark.

Location of mine: Charleston, Franklin County.

Name of mine: Coleman Mine.

Superintendent: L. N. Coleman.

Transportation: Missouri Pacific RR.

Slope opening driven down on Charleston coal seam, which is 18 inches in thickness at this point. Mine is developed on room and pillar system. Coal is hand-dug. Gasoline power.

Number of employees: 1 official, 5 miners; total, 6.

Collier-Dunlap Coal Co., Clarksville, Ark.

Incorporated May 16, 1916, under laws of State of Arkansas.

Capitalization: \$50,000 (2,000 shares at \$25). All paid in.

Officers: H. W. Collier, Pres.; R. D. Dunlap, Vice Pres.; G. D. Collier, Sec.-Treas.

Location of mine: 1½ miles east of Hartman, Johnson County.

Name of mine: Collier Mine.

Superintendent: H. W. Collier.

Transportation: Missouri Pacific RR.

Shaft opening driven down 255 feet on Spadra coal seam, which averages 3 feet, 6 inches in thickness at this point, with middleband 2 inches thick.
 Mine is developed on double entry, room and pillar system. Coal is mined by short-wall mining machines. Steam and electric power.
 Number of employees: 1 official, 110 miners; total, 111.

Diamond Anthracite Coal Co., Clarksville, Ark.

Incorporated June 16, 1932, under laws of State of Delaware.

Capitalization: \$25,000.

Officers: S. E. Evans, Pres.; C. S. Christian, Vice Pres.

Location of mine: 3 miles north of Spadra, Johnson County.

Name of mine: Diamond Anthracite Mine.

Superintendent: Guy Schrigley.

Transportation: Montana Ry. and Missouri Pacific RR.

Slope opening driven down about 3,000 feet on Spadra coal seam, which averages 3 feet, 4 inches in thickness at this point, with middleband from 4 to 6 inches thick. Mine is developed on double entry, room and pillar system. Coal is mined by short-wall mining machines. Electric power.

Number of employees: 2 officials, 100 miners; total, 102.

Dixie Fuel Co., Paris, Ark.

Incorporated Jan. 1, 1927, under laws of State of Arkansas.

Capitalization: \$20,000 (800 shares at \$25). Subscribed, \$16,000.

Officers: Guy E. Lipe, Pres.; B. C. Reed, Sec.-Treas.

Location of mine: 3½ miles northwest of Paris, Logan County.

Name of mine: Dixie Mine.

Superintendent: Guy E. Lipe.

Transportation: Fort Smith, Subiaco & Rock Island RR. and Missouri Pacific RR.

Slope opening driven down 1,950 feet on Paris coal seam, which averages 18 inches in thickness at this point. Mine is developed on long-wall system. Coal is machine-mined. Electric power.

Number of employees: 4 officials, 42 miners; total, 46.

Eureka Coal Co., Paris, Ark.

Incorporated May 7, 1928, under laws of State of Arkansas.

Capitalization: \$100,000 (1,000 shares common stock at \$100). All paid in.

Officers: Geo. F. Campbell, Pres.; S. W. Buchanan, Vice Pres.; F. K. Wood, Sec. and Gen. Mgr.

Location of mine: 2½ miles west of Paris, Logan County.

Name of mine: Eureka Mine.

Superintendent: F. K. Wood.

Transportation: Missouri Pacific RR.

Slope opening driven a distance of 200 feet through the rock on a 15-degree pitch from surface to Paris coal seam, which averages 24 inches in thickness at this point. Mine is developed on long-wall, panel system. Coal is mined by long-wall machines. Electric power.

Number of employees: 5 officials, 115 miners; total, 120.

Excelsior Coal Co., R.F.D. 2, Greenwood, Ark.

Officers: Sam Adams, Pres.; George Quillman, Vice Pres.; Sandy Cavalena, Vice Pres.; Joseph S. Adams, Sec.; Charles Hile, Treas.

Location of mine: ½ mile north of Excelsior, Sebastian County.

Name of mine: Excelsior Coal Co. Mine.

Superintendent: Tom Williams.

Transportation: Midland Valley RR.

Slope opening driven down 500 feet on Excelsior coal seam, which is 3 feet in thickness at this point. Mine is developed on room and pillar system.

Coal is hand-dug. Gas engines.

Number of employees: 2 officials, 4 miners; total, 6.

Excelsior Coal Co., Hackett, Ark.

Incorporated Aug. 7, 1928, under laws of State of Arkansas.

Capitalization: \$10,000 (100 shares common stock at \$100). Issued and outstanding, \$7,200.

Officers: George W. Lennier, Pres.; George W. Reeves, Sec.-Treas.

Location of mine: 4 miles west of Excelsior, Sebastian County.

Name of mine: Excelsior Coal Co. Mine.

Superintendent: George W. Reeves.

Transportation: Midland Valley RR.

Slope opening driven down about 1,000 feet on Excelsior coal seam, which averages 32 inches in thickness at this point. Mine is developed on double entry, room and pillar system. Coal is shot from solid with black powder. Steam power.

Number of employees: 4 officials, 58 miners; total, 62.

Excelsior Coal Corp., Box 226, Greenwood, Ark.

Incorporated Jan. 17, 1934, under laws of State of Arkansas.

Capitalization: 100 shares at \$100.

Officers: Degen Boyd, Pres.; Sydney Boyd, Sec.; Jack Storey, Treas.

Location of mine: Excelsior, Sebastian County.

Name of mine: Boyd No. 1.

Superintendent: Degen Boyd.

Transportation: Midland Valley RR.

Slope opening driven down 3,000 feet to Hartshorne coal seam, which averages 32 inches in thickness at this point. Mine is developed on long-wall system. Loading is by conveyors. Coal is machine-mined. Electric power.

Number of employees: 5 officials, 130 miners; total, 135.

Excelsior Thin Vein Coal Co., Inc., Hackett, Ark.

Incorporated Aug. 12, 1931, under laws of State of Arkansas.

Capitalization: \$2,000. Amended July 8, 1935, changing name from Barr Coal Co.

Location of mine: $\frac{1}{4}$ mile east of Hackett, Sebastian County.

Name of mine: Excelsior Thin Vein Coal Co. Mine.

Superintendent: John Barr.

Transportation: St. Louis-San Francisco Ry.

Slope opening driven down 1,100 feet to Excelsior coal seam, which averages 30 inches at this point. Mine is developed on long-wall system. Loading is by conveyors. Coal is machine-mined. Electric power.

Number of employees: 5 officials, 65 miners; total, 70.

Fork, Jim, Coal Co., Hartford, Ark.

Location of mine: 3 miles northeast of Hartford, Sebastian County.

Name of mine: Jim Fork Mine.

Superintendent: John Conroy.

Transportation: Midland Valley RR.

Slope opening driven down 1,500 feet on Huntington coal seam. Mine is developed on double entry, room and pillar system. Coal is shot from solid with black powder. Steam and electric power.

Number of employees: about 27.

Fort Smith-Bonanza Coal Co., Room 7, Kelley Trust Bldg., Fort Smith, Ark.

Incorporated Mar. 5, 1935, under laws of State of Arkansas.

Capitalization: \$5,000 (100 shares at \$50).

Officers: H. W. Young, Pres.; R. A. Young, Jr., Vice Pres.; Ray Young, Sec.-Treas.

Location of mine: $\frac{1}{2}$ mile from Bonanza, Sebastian County.

Name of mine: Mine No. 135.

Superintendent: H. W. Young.

Transportation: St. Louis-San Francisco Ry.

Slope opening driven down on Bonanza coal seam, which averages 4 feet in thick-

ness at this point. Coal is shot from solid. Coal is hand-dug. Steam and electric power.

Number of employees: 4 officials, 40 miners; total, 44.

Great Western Coal Co., Bonanza, Ark.

Incorporated Sept. 3, 1935, under laws of State of Arkansas.

Capitalization: \$10,000 (100 shares at \$100).

Officers: N. M. Henson, Pres.; R. K. Rodgers, Vice Pres.; G. C. Hardin, Sec.-Treas.

Location of mine: Bonanza, Sebastian County.

Name of mine: Great Western Coal Co. Mine.

Superintendent: N. M. Henson.

Transportation: St. Louis-San Francisco Ry.

Shaft opening driven down 360 feet to Hartshorne coal seam, which averages 4 feet in thickness at this point. Mine is developed on room and pillar system. Coal is machine-mined. Steam and electric power.

Number of employees: 85 miners.

Harding Coal Co., Clarksville, Ark.

Incorporated July 9, 1930, under laws of State of Arkansas.

Capitalization: \$14,200 (284 shares at \$50). All paid in.

Officers: J. E. Harding, Pres.; G. A. Vick, Sec.

Location of mine: Spadra, Johnson County.

Name of mine: Black Cat Mine.

Superintendent: J. E. Harding.

Transportation: Missouri Pacific RR.

Shaft opening 60 feet deep on Spadra coal seam, which averages 3 feet in thickness at this point, with middleband 2 inches thick. Mine is developed on double entry, room and pillar system. Coal is mined by short-wall mining machines. Electric power.

Number of employees: 3 officials, 30 miners; total, 33.

Ideal Coal Co., Paris, Ark.

Incorporated Aug. 15, 1933, under laws of State of Arkansas.

Capitalization: \$300 (12 shares at \$25).

Officers: L. B. Cox, Pres.; Ed Kirby, Sec.

Location of mine: 6 miles west of Paris, Logan County.

Name of mine: Ideal Coal Co. Mine.

Superintendent: L. B. Cox.

Transportation: Missouri Pacific RR. (screen loaded).

Slope opening. Coal seam averages 18 inches. Mine is developed on long-wall system. Coal is machine-mined. Electric power.

Jacobs, E. L., Mine. Hartman, Ark.

Officers: E. L. Jacobs and Ed Handsheiw.

Location of mine: 3/4 mile east of Hartman, Johnson County.

Name of mine: E. L. Jacobs Mine.

Superintendent: E. L. Jacobs.

Transportation: Missouri Pacific (8 miles north of Hartman).

Shaft opening driven down 28 feet on Philpot coal seam, which averages 19 inches in thickness at this point. Coal is hand-dug. Steam power.

Number of employees: 2 officials, 18 miners; total, 20.

Jewel Mining Co., Box 248, Paris, Ark.

Incorporated May 17, 1920, under laws of State of Arkansas.

Capitalization: \$100,000 (1,000 shares at \$100). All paid in.

Officers: Rodolph de Steiguer, Pres.

Location of mine: 1 1/2 miles north of Paris, Logan County.

Name of mine: Jewel No. 2 Mine.

Superintendent: George Colville.

Transportation: Missouri Pacific RR.

Slope opening on Paris coal seam, which averages from 18 to 20 inches in thickness at this point. Mine is developed on panel system. Coal is mined by long-wall mining machines. Electric power.

Number of employees: 120.

Liberty Coal Co., Altus, Ark.

Incorporated Mar. 3, 1924, under laws of State of Arkansas.

Capitalization: \$15,000 (300 shares at \$50). All issued and outstanding.

Location of mine: 2½ miles west of Denning, Franklin County.

Name of mine: Liberty Mine.

Superintendent: Matt Evans.

Transportation: Missouri Pacific RR.

Slope opening on Denning coal seam, which averages about 4 feet in thickness at this point. Mine is developed on long-wall system. Coal is mined by long-wall mining machines. Electric power.

Number of employees: 1 official, 24 miners; total, 25.

Little Ben Coal Corp., The, Midland, Ark.

Incorporated May 8, 1935, under laws of State of Arkansas.

Capitalization: \$15,000 (150 shares at \$100).

Officers: B. H. Bedwell, Pres.

Location of mine: Midland, Sebastian County.

Name of mine: Majestic Mine.

Superintendent: Tom Goslin.

Transportation: Midland Valley RR.

Shaft opening driven down 110 feet to coal seam, which averages 2 feet, 10 inches in thickness at this point. Mine is developed on room and pillar system. Coal is machine-mined. Electric power.

Number of employees: 6 officials, 100 miners; total, 106.

Looper Coal Co., Huntington, Ark.

Location: 1 mile north of Huntington, Sebastian County.

Superintendent: J. F. Looper.

Transportation: St. Louis-San Francisco Ry.

Small slope opening driven down approximately 50 feet on Hartshorne coal seam, which is 6 feet thick at this point. Mine is developed on room and pillar system. Coal is hand-dug.

Number of employees: 1 officer, 15 miners; total, 16.

McAdoo, S. A., R.F.D. 1, Barling, Ark.

Location of mine: 3 miles south of Central City, Sebastian County.

Name of mine: McAdoo Mine.

Superintendent: S. A. McAdoo.

Transportation: Missouri Pacific RR.

Slope opening driven down 50 feet on Hartshorne coal seam, which averages 46 inches in thickness at this point. Mine is developed on room and pillar system. Coal is machine-mined.

Number of employees: 1 official, 8 miners; total, 9.

McKinney, D. A., Coal Co., Clarksville, Ark.

Owner: D. A. McKinney.

Location of mine: 4 miles west of Clarksville, Johnson County.

Name of mine: D. A. McKinney Coal Co. Mine.

Superintendent: D. A. McKinney.

Transportation: Montana Ry.

Slope opening on Spadra coal seam, which averages 42 inches in thickness at this point. Mine is developed on room and pillar system. Coal is machine-mined. Electric power.

Number of employees: 2 officials, 100 miners; total, 102.

Majestic Coal Mining Co., 1012 Baltimore Ave., Kansas City, Mo.

Arkansas office address: Midland, Ark.

Incorporated Apr. 2, 1921, under laws of State of Arkansas.

Capitalization: \$150,000 (1,500 shares common stock at no par value).

Officers: Grant Stauffer, Pres.; E. N. Douthat, Receiver.

Location of mine: $1\frac{1}{2}$ miles north of Midland, Sebastian County.

Name of mine: Majestic Mine.

Superintendent: John Hundley.

Transportation: Midland Valley RR.

Shaft opening driven down 110 feet on Midland coal seam, which averages 2 feet, 10 inches in thickness at this point. Mine is developed on double entry, modified long-wall system. Coal is mined by long-wall mining machines.

Electric power.

Number of employees: 3 officials, 100 miners; total, 103.

Melton Coal Co., Alix, Ark.

Incorporated Oct. 7, 1922, under laws of State of Arkansas.

Capitalization: \$24,500 (450 shares at \$50). All paid in.

Location of mine: Alix, Franklin County.

Superintendent: C. L. Melton.

Transportation: Missouri Pacific RR.

Shaft opening driven down 100 feet on Denning coal seam, which is 4 feet thick at this point. Mine is developed on room and pillar system. Coal is machine-mined. Steam and electric power.

Number of employees: 4 officials, 225 miners; total, 229.

Midland Coal Mining Co., Midland, Ark.

Incorporated Nov. 3, 1928, under laws of State of Arkansas.

Capitalization: \$40,000 (1,600 shares common stock at \$25). Issued and outstanding, \$40,000.

Officers: A. H. Hamilton, Pres.; Louis Fioretti, Vice Pres.; W. H. Rains, Sec.-Treas.

Location of mine: Midland, Sebastian County.

Superintendent: B. H. Bedwell.

Transportation: St. Louis-San Francisco Ry.

Slope opening driven down approximately 4,500 feet on Hartshorne coal seam, which is about 3 feet, 6 inches in thickness at face of slope. Mine is developed on room and pillar system. Coal is machine-mined. Steam and electric power.

Number of employees: 5 officials, 210 miners; total, 215.

Miners Coal Co., Clarksville, Ark.

Officers: T. J. Thompson, Pres.

Location of mine: $8\frac{1}{2}$ miles southwest of Clarksville, Johnson County.

Name of mine: Fernwood No. 2 Mine.

Superintendent: T. J. Thompson.

Transportation: Missouri Pacific RR.

Shaft opening driven down 357 feet to Hartshorne coal seam, which averages 3 feet, 2 inches in thickness at this point. Mine is developed on room and pillar system. Coal is machine-mined. Steam power.

Number of employees: 2 officials, 96 miners; total, 98.

Mumey, John B., Coal Co., Jenny Lind, Ark.

Officers: John B. Mumey, Pres.

Location of mine: Jenny Lind, Sebastian County.

Name of mine: Mumey Coal Co. Mine.

Superintendent: John B. Mumey.

Transportation: Missouri Pacific RR.

Slope opening driven down 20 feet on Jenny Lind coal seam, which averages 5 feet in thickness at this point. Coal is shot from solid and hand-dug.

Mule power.

Number of employees: 3 miners.

Napier, G. C., Cane Hill, Ark.

Location of mine: sec. 33, T. 14 N., R. 32 W., Washington County.

Superintendent: G. C. Napier.

Drift opening. Coal seam averages 14 inches in thickness at this point. Coal is hand-dug.

New Shockley Coal Co., Paris, Ark.

Incorporated June 20, 1927, under laws of State of Arkansas.

Capitalization: \$5,000 (200 shares at \$25). All paid in.

Officers: J. J. Smith, Pres.; A. L. Mitchell, Sec.

Location of mine: 4 miles west of Paris, Logan County.

Name of mine: Shockley Mine.

Superintendent: R. W. Winn.

Transportation: Missouri Pacific RR.

Slope opening driven down about 2,000 feet on the Paris coal seam, which is 20 inches thick at this point. Mine is developed on long-wall system. Coal is mined by long-wall mining machines. Electric power.

Number of employees: 3 officials, 52 miners; total, 55.

New Superfuel Coal Co., Paris, Ark.

Incorporated Sept. 15, 1932, under laws of State of Arkansas.

Capitalization: \$600 (12 shares at \$50).

Officers: C. C. Fitts, Pres.; G. S. Minmier, Jr., Treas. and Gen. Mgr.

Location of mine: 4 miles west of Paris, Logan County.

Superintendent: G. S. Minmier, Jr.

Transportation: Missouri Pacific RR.

Slope opening driven down about 125 feet on Paris coal seam, which averages about 20 inches in thickness at this point. Mine is developed on long-wall system. Coal is machine-mined. Electric power.

Number of employees: 5 officials, 75 miners; total, 80.

Paris Purity Coal Co., American Bank Bldg., Paris, Ark.

Incorporated Sept. 9, 1922, under laws of State of Arkansas.

Capitalization: \$10,000 (400 shares at \$25). All paid in.

Officers: Heber Denman, Pres.; J. C. Pettyjohn, Vice Pres.; Chas. A. Harris, Sec.; R. G. Johnson, Tr

Location of mine: about 4½ miles northwest of Paris, Logan County.

Name of mine: Grand Mine No. 3.

Superintendent: R. G. Johnson.

Transportation: Missouri Pacific RR.

Slope opening driven down about 2,320 feet on Paris coal seam, which averages from 24 to 28 inches in thickness at this point. Mine is developed on long-wall system. Coal is mined by long-wall mining machines. Electric power.

Number of employees: about 100.

Quality Coal Co., Ozark, Ark.

Location of mine: near Altus, Franklin County.

Name of mine: Quality Mine.

Superintendent: Isaac Lewis.

Transportation: Missouri Pacific RR.

Shaft opening driven down about 85 feet on Altus coal seam, which averages 20 inches in thickness at this point. Mine is developed on long-wall system. Coal is machine-mined. Steam and electric power.

Number of employees: 4 officials, 76 miners; total, 80.

Ra-Ja-Da Coal Co., Clarksville, Ark.

Incorporated July 13, 1936, under laws of State of Arkansas.

Capitalization: \$3,000 (300 shares at \$10).

Officers: J. A. Dowdy, Pres.; Lucy B. Carlisle, Sec.-Treas.

Location of mine: south of Clarksville, Johnson County.

Name of mine: Ra-Ja-Da Mine.

Superintendent: Leo Patton.

Transportation: Missouri Pacific RR.

Shaft opening driven down 310 feet on Spadra coal seam, which averages 42 inches in thickness at this point. Mine is developed on room and pillar system.

Coal is machine-mined. Steam and electric power.

Number of employees: 80.

Reinhard-Barr Coal Co., Fort Smith, Ark.

Incorporated Oct. 26, 1921, under laws of State of Arkansas.

Capitalization: \$10,000 (400 shares at \$25). All paid in.

Certificate of dissolution filed April 23, 1935.

Officers: R. J. Barr, Pres.

Location of mine: 2½ miles east of Bonanza, Sebastian County.

Name of mine: Mine No. 135.

Superintendent: R. J. Barr.

Transportation: St. Louis-San Francisco Ry.

Slope opening driven down about 6,000 feet on Bonanza coal seam, which averages

3 feet, 10 inches in thickness, with middleband 2 inches thick. Mine is developed on double entry, room and pillar system. Coal is machine-mined.

Steam and electric power.

Number of employees: 4 officials, 110 miners; total, 114.

Schmalz Bros. & Gack, Paris, Ark.

Location of mine: 3½ miles west of Paris, Logan County.

Name of mine: Mine No. 1.

Superintendent: Charles Schmalz.

Transportation: Missouri Pacific RR.

Slope opening driven down 800 feet on Paris coal seam. Mine is developed on long-wall system. Coal is machine-mined. Electric power.

Number of employees: 2.

Smokeless Coal Co., Clarksville, Ark.

Incorporated Oct. 1, 1935, under laws of State of Arkansas.

Capitalization: \$600 (24 shares at \$25).

Officers: Clarence Kemp and Harry Johnson.

Location of mine: Spadra, Johnson County.

Name of mine: Canned Heat Mine.

Superintendent: Fred Kemp.

Transportation: Missouri Pacific RR.

Shaft opening driven down 60 feet to coal seam, which averages 3 feet in thickness at this point. Coal is shot from solid and hand-dug. Steam power.

Number of employees: 6 officials, 30 miners; total, 36.

Smrekar, Frank, Huntington, Ark.

Location of mine: Huntington, Sebastian County.

Name of mine: Pigeon Hole Mine.

Slope opening driven down 20 feet to soft coal seam, which averages 4 feet in thickness. Coal is hand-dug.

Number of employees: 1.

Spadra Coal Co., Clarksville, Ark. (See Ra-Ja-Da Anthracite Co.)

Incorporated May 31, 1927, under laws of State of Arkansas.

Capitalization: \$15,000 (600 shares at \$25).

Officers: J. A. Dowdy, D. A. McKinney, and R. A. Dowdy.

Location of mine: 2 miles north of Spadra, Johnson County.

Name of mine: Ra-Ja-Da.

Superintendent: D. A. McKinney.

Transportation: Missouri Pacific RR.

Shaft opening driven down 307 feet on Spadra coal seam, which averages 3 feet, 4 inches in thickness, with middleband from 2 to 12 inches thick. Mine is developed on double entry, room and pillar system. Coal is mined with short-wall mining machines. Steam and electric power.

Number of employees: 5 officials, 110 miners; total, 115.

Sullivan Coal Co., Paris, Ark.

Incorporated July 26, 1923, under laws of State of Arkansas.

Capitalization: \$15,000.

Officers: J. J. Smith, Pres.; A. L. Mitchell, Sec.

Location of mine: 1½ miles west of Paris, Logan County.

Name of mine: Sullivan Mine.

Superintendent; R. W. Winn.

Transportation: Missouri Pacific RR. and Chicago, Rock Island & Pacific Ry.

Slope opening driven down about 2,000 feet on Paris coal seam, which averages 24 inches in thickness at this point. Mine is developed on long-wall system.

Coal is mined by long-wall mining machines. Electric power.

Number of employees: 4 officials, 42 miners; total, 46.

Sun Smokeless Coal Co., P. O. Box 402, 20½ S. Sixth St., Fort Smith, Ark.

Incorporated July 15, 1935, under laws of State of Arkansas.

Capitalization: 150 shares at \$100. Increased March 12, 1936, to 250 shares at \$100.

Officers: E. H. Noel, Pres.; Earl Cobb, Vice Pres.; R. E. Hanson, Sec.-Treas.

Location of mine: 1.3 miles west of Excelsior, Sebastian County.

Name of mine: Sun Mine.

Transportation: Midland Valley RR.

Slope opening driven down on Excelsior coal seam, which averages 32 inches in thickness at this point. Mine is developed on long-wall system. Coal is machine-mined. Electric power.

Sunshine Anthracite Coal Co., Clarksville, Ark.

Incorporated Sept. 9, 1933, under laws of State of Arkansas.

Capitalization: \$500,000 (400 shares at \$125).

Officers: E. H. Johnson, Pres.

Location of mine: Spadra, Johnson County.

Superintendent: E. H. Johnson.

Transportation: Missouri Pacific RR.

Shaft opening driven down 125 feet to Spadra coal seam, which averages 3 feet, 6 inches at this point. Mine is developed on long-wall system. Coal is machine-mined. Steam power.

Victor Coal Co., American Bank Bldg., Paris, Ark.

Incorporated Oct. 9, 1923, under laws of State of Arkansas.

Capitalization: \$10,000 (400 shares at \$25).

Officers: H. E. Arnold, Pres.; Charles A. Harris, Sec.-Treas.

Location of mine: 1½ miles northeast of Paris, Logan County.

Name of mine: Victor Mine.

Superintendent: H. E. Arnold.

Transportation: Missouri Pacific RR.

Slope opening driven down about 800 feet on Paris coal seam, which averages 24 inches in thickness at this point. Mine is developed on long-wall system.

Coal is mined with long-wall mining machines. Electric power.

Number of employees: 2 officials, 20 miners; total, 22.

Watson & Sons Coal Co., Paris, Ark.

Locations of mines: No. 1 at Paris, Logan County; No. 2, 3½ miles northwest of Paris, Logan County.

Name of mines: No. 1 and No. 2.

Superintendent: Joe Watson.

Slope opening driven down 2,000 feet in No. 1, and 1,200 feet in No. 2, on Paris coal seam. Mines developed on long-wall, panel system. Coal is mined with long-wall mining machines. Electric power.

Number of employees: No. 1, 28 to 30; No. 2, 24.

Young, R. A., & Son, Kelley Trust Bldg., Fort Smith, Ark.

Officers: R. A. Young, Pres.; H. W. Young, Vice Pres.; Miss Ray Young, Sec.-Treas.

Location of mine: 3½ miles west of Jenny Lind, Sebastian County.

Name of mine: Mine No. 18.

Superintendent: H. W. Young.

Transportation: Missouri Pacific RR.

Shaft opening driven down 225 feet on Jenny Lind coal seam, which averages about 5 feet in thickness, with middleband 2 inches thick. Mine is developed on double-entry, room and pillar system. Coal is shot from solid with black powder. Electric power.

Number of employees: 4 officials, 325 miners; total, 329.

The following companies also reported production of coal in Arkansas during 1935, but information concerning their organizations is not available:

<u>Name</u>	<u>Address</u>	<u>County</u>
Acme Coal Co.	Coal Hill	Johnson
Altus Supreme Coal Co.	Altus	Franklin
Altus Valley Coal Co.	Altus	Franklin
Argo Coal Co.	Paris	Logan
Aurora Coal Co.	Paris	Logan
Bartsch, Johnnie	Paris	Logan
Becker, Fred	Hartman	Johnson
Benson, H. G.	Ratcliff	Logan
Brandon, W. J.	Paris	Logan
Brookshire Coal Co.	Charleston	Franklin
Brown, A., Coal Co.	Ozark	Franklin
Burns & Smith Coal Co.	Denning	Franklin
Butler & Hice	Paris	Logan
Cline Bros. Coal Co.	Spadra	Johnson
Crescent-Philpot Coal Co.	Clarksville	Johnson
Dickerson, N. B.	Ozark	Johnson
Economy Coal Co.	Paris	Logan
Evans & Leding	Denning	Franklin
Excelsior Red Ash Coal Co.	Greenwood	Sebastian
Fort Smith Coal Co.	Jenny Lind	Sebastian
Gage, Dee, Coal Co.	Coal Hill	Johnson
Goldsworthy, John	Paris	Logan
Goldsworthy, Opie	Paris	Logan
Graham-Henson Coal Co.	Fort Smith	Sebastian
Green, D. S.	Ozark	Franklin
Groeber, P. M.	Charleston	Franklin
Hanshaw, S. V.	Clarksville	Johnson
Holmes, Fuller	Ozark	Franklin
Jackson Coal Co.	Midland	Sebastian
Kuykendall, E. L.	Paris	Logan
Lewis Coal Co.	Alix	Johnson
Long & Couch Coal Co.	Hartford	Scott
Mack Coal Co.	Paris	Logan

<u>Company</u>	<u>Address</u>	<u>County</u>
Melton Excelsior Coal Co.	Greenwood	Sebastian
New Deal Coal Co.	Paris	Logan
New Deal Coal Co.	Prairie View	Logan
Nichols, Ray, Coal Co.	Ozark	Johnson
Red Glow Coal Corp.	Paris	Logan
Red Rock Coal Co.	Midland	Sebastian
Robertson Coal Co.	Coal Hill	Johnson
Rowland, H. I.	Paris	Logan
Ruttle Coal Co.	Fort Smith	Sebastian
Sebastian Coal Co.	Greenwood	Sebastian
Sewell & Foster	Paris	Logan
Smith Coal Co.	Russellville	Pope
Smith, R. H., Coal Co.	Ozark	Franklin
Stansberry, J. R.	Fayetteville	Washington
Sterling Coal Co.	Clarksville	Johnson
Stewart Coal Co.	Denning	Franklin
Turner, M. B.	Winslow	Washington
Turner, R. B.	Paris	Logan
Vandermuely, Jules	Fort Smith	Sebastian
Willey, E. D.	Hartman	Johnson

GAS

See Petroleum and Gas

GLASS SAND

Everton Silica Sand Co., Inc., Harrison, Ark.
 Incorporated March 5, 1935, under laws of State of Arkansas.
 Capitalization: 400 shares of no par value; \$300 paid in.
 Officers: H. C. Ormond, Pres.; O. W. Watkins, Sec.-Treas.; C. C. Garner, Supt.
 Location of plant: Everton, Boone County.
 Material produced: silica products.
 Transportation: Missouri & North Arkansas Ry.
 Capacity: 300 short tons per day.
 Equipment: plant complete.
 Number of employees: 18.

Silica Products Co., Inc., Batesville, Ark.
 Incorporated June 28, 1921, under laws of State of Arkansas.
 Capitalization: \$30,000.
 Officers: Mrs. Mertie A. Dunkin, Pres.; John H. Dunkin, Vice Pres.; Bruce Williams, Sec.-Treas.
 Location of plant: Guion, IZARD County
 Material produced: silica sand.
 Transportation: Missouri Pacific RR. and Missouri & North Arkansas Ry.
 Capacity: 450 tons per day.
 Equipment: both closed and open cars.
 Number of employees: 20.

GRAVEL

See Sand and Gravel

LEAD

Urschel Lead & Zinc Mines, Inc., Rush, Ark.

Incorporated Feb. 5, 1934, under laws of State of Arkansas.

Capitalization: 10,000 shares of no par value; \$20,000 paid in.

Officers: B. H. Urschel, Pres.; G. K. Urschel, Vice Pres. and Treas.; H. C.

Urschel, Sec. and Gen. Mgr.

Location of mine: Ponca, Newton County. (See also under Zinc.)

Name of mine: Brewer Mine.

Transportation: Missouri Pacific RR. and Missouri & North Arkansas Ry.

Equipment: 50-ton mill.

MANGANESE

Denison, Walter H., Cushman, Ark.

Officers: Walter H. Denison, owner; J. Reed Denison, Mgr.; Alvis F. Denison, Supt.

Location of mines: No. 1 near Cushman, Independence County; No. 3 near Pfeiffer, Independence County. (No. 2 near Penters Bluff, IZARD County did not produce in 1935.)

Transportation: Missouri Pacific RR.

Capacity: 5,000 tons high grade ore and 10,000 tons low grade ore per year.

Equipment: one 350 cubic foot compressor, three 80 cubic foot compressors, pulled by oil engines; one 65 foot portable gasoline compressor.

Number of employees: 300.

Reither, A. B., Cushman, Ark.

A. B. Reither, operator.

Location of mine: Cushman, Independence County.

Transportation: team and truck to Missouri Pacific RR.

Capacity: 1,500 tons per month.

Equipment: washing plant.

Number of employees: 50.

MERCURY

Mid-Continent Quicksilver Co., 100 West 10th St., Wilmington, Del.

Home office: 709 Schweiter Bldg., Wichita, Kan. Arkansas office: near Amity.

Incorporated Apr. 16, 1935, under laws of State of Delaware.

Capitalization: \$20,000 (1,000 shares at \$100, 3,000 shares of no par value).

Officers: R. J. Soper, Pres., 3200 W. Central Ave., Wichita, Kan.; N. H. Benschmidt, Vice Pres., Hutchinson, Kan.; Jesse D. Wall, Sec., 709 Schweiter Bldg., Wichita, Kan.; Leo Yount, Gen. Mgr., Amity, Ark.

Location of plant: 6 miles from Amity, Pike County. (Mines in secs. 28, 29, 32, and 33, T. 6 S., R. 23 W.)

Material produced: cinnabar.

Transportation: Missouri Pacific RR. spur.

Capacity: 20 tons daily.

Equipment: Herreshoff furnace, crushers, compressors, and complete line of mining tools and equipment.

Number of employees: 75.

Robens Mining Co., Amity, Ark.

Incorporated Nov. 11, 1934, under laws of State of Arkansas.

Capitalization: \$10,000 (1,000 shares at \$10).

Officers: R. C. Rohrdanz, Supt.

Location of mine: near Murfreesboro, Pike County.

Material produced: cinnabar.

Transportation: Missouri Pacific RR.

Equipment: ore was processed in plant of Southwestern Quicksilver Co. Plant has

not operated since April 1935, and all equipment has been sold.
Number of employees: 10 to 15.

The following also reported production of cinnabar in Arkansas during 1935, but information concerning the organization is not available:

<u>Name</u>	<u>Address</u>	<u>County</u>
Isbell, Fletcher F.	DeQueen	Pike

PETROLEUM AND GAS

Arkansas Fuel Oil Co., Box 1734, Shreveport, La.

Arkansas office address: El Dorado, Ark.

Incorporated Jan. 21, 1924, under laws of State of West Virginia.

Capitalization: \$2,665,365.

Classification: producer of oil in Union County.

Wells producing in 1935: 73.

Number of employees in 1935: 51.

Arkansas-Louisiana Gas Co., Slattery Bldg., Shreveport, La.

Incorporated Dec. 26, 1934, under laws of State of Delaware.

Capitalization: \$12,000,000 (240,000 shares at \$50).

Classification: producer of natural gas in Johnson County. Also distributor and natural gas manufacturer.

Gas wells producing in 1935: 13.

Average number of employees in 1935: 1.

Berry Asphalt Co., 1472 West 76th St., Chicago, Ill.

Arkansas office address: Waterloo, Ark.

Incorporated Dec. 28, 1927, under laws of State of Illinois.

Capitalization: \$10,000.

Classification: producer of oil in Nevada County.

Oil wells producing in 1935: 30±.

Number of employees in 1935: 80±.

Clark, H. E., 414 Exchange Bldg., El Dorado, Ark.

Classification: producer of oil in Ouachita and Union counties.

Continental Oil Co., 1000 South Pine St., Ponca City, Okla.

Incorporated July 3, 1929, under laws of State of Delaware.

Capitalization in Arkansas: \$419,524.

Classification: producer of oil in Ouachita County.

Wells producing in 1935: 6.

Number of employees in 1935: 35.

All producing leases were sold June 1, 1935.

Crosbie, J. E., Inc., 1810 Exchange Bank Bldg., Tulsa, Okla.

Arkansas office address: Smackover, Ark.

Incorporated March 28, 1929, under laws of State of Oklahoma.

Capitalization in Arkansas: \$39,745.

Classification: producer of oil in Ouachita and Union counties.

Oil wells producing in 1931: 73.

Number of employees in 1931: 45.

Cumberland Petroleum Co., 1524 Hanna Bldg., Cleveland, Ohio.

Arkansas office address: Louann, Ark.

Incorporated Dec. 8, 1924, under laws of State of Delaware.

Capitalization in Arkansas: \$16,188.

Classification: producer of oil in Ouachita County.
 Oil wells producing in 1935: 7.
 Number of employees in 1935: 1.

Duluth-Arkansas Oil Co., 915 East First St., Duluth, Minn.
 Arkansas office address: c/o J. T. Craig, Foreman, Route 4, Box 246, Texarkana.
 Classification: producer of oil in Miller County.
 Oil wells producing in 1935: 4.
 Number of employees in 1935: 6.

Empire Oil & Refining Co., Bartlesville, Okla.
 Arkansas office address: Box D, Smackover, Ark.
 Incorporated Oct. 24, 1927, under laws of State of Delaware.
 Capitalization in Arkansas: \$68,425.
 Classification: producer of oil in Ouachita County.
 Oil wells producing in 1935: 3.
 Number of employees in 1935: 3.

Federal Oil Marketing Corp., 518 National Bank of Tulsa Bldg., Tulsa, Okla.
 Arkansas office address: c/o Ben Brown, Smackover, Ark.
 Incorporated Mar. 5, 1924, under laws of State of Delaware.
 Capitalization: \$3,000,000.
 Classification: producer of oil in Ouachita and Union counties. (Also produced gas in 1935.)
 Oil wells producing in 1935: 43.
 Number of employees in 1935: 24.

GRC Oil Co., Inc., Esperson Bldg., Houston, Texas. (Successor to I. Rauch.)
 Classification: producer of oil and gas in Ouachita and Union counties.

Greenson, M. W., Prescott, Ark.
 Classification: producer of natural gas in Franklin County.

Gulf Refining Co. of Louisiana, Houston, Texas.
 Incorporated May 28, 1906, under laws of State of Louisiana.
 Capitalization in Arkansas: \$351,020.
 Classification: producer of oil and gas in Ouachita and Union counties.

Helena Oil & Gas Co., El Dorado, Ark.
 Incorporated Apr. 5, 1926, under laws of State of Delaware.
 Capitalization: \$200,000.
 Classification: producer of oil in Ouachita and Union counties.

Henderson Co., The., 604 Oliver-Earle Bldg., Amarillo, Texas.
 Arkansas office address: Box 609, El Dorado, Ark.
 Incorporated Mar. 3, 1924, under laws of State of Maine.
 Capitalization: \$62,500.
 Classification: producer of oil in Union County. Also producer of casinghead gas.
 Oil wells producing in 1935: 11.
 Number of employees in 1935: 28.

Hollyfield & McFarlane, 309 Armstrong Bldg., El Dorado, Ark.
 Classification: producer of oil in Ouachita and Union counties.
 Oil wells producing in 1933: 39.
 Number of employees in 1933: 44.

Hunt, H. L., Inc., Box 2015, Tyler, Texas.
 Arkansas office address: El Dorado, Ark.
 Incorporated Dec. 28, 1925, under laws of State of Arkansas.
 Capitalization: \$300,000.

Classification: producer of oil and gas in Ouachita and Union counties.
Wells producing in 1931: oil, 48; gas, 42.
Number of employees in 1931: 60.

Imperial Oil & Gas Products Co., 1104 Union Bank Bldg., Pittsburgh, Pa.
Arkansas office address: 604 West Hillsboro St., El Dorado, Ark.
Incorporated May 9, 1921, under laws of State of West Virginia.
Capitalization in Arkansas: \$325,310.
Classification: producer of oil and gas in Union County. (Did not report production of gas in 1935.)
Wells producing in 1931: oil, 41; gas, 1.
Number of employees in 1931: 20.
Properties sold on Feb. 27, 1935, to J. C. Westfall and B. R. McClanahan of El Dorado, Ark.

Industrial Oil & Gas Co., 23 North Eighth St., Fort Smith, Ark.
Incorporated Mar. 12, 1919, under laws of State of Arkansas.
Capitalization: \$200,000.
Classification: producer of natural gas in Crawford County.
Gas wells producing in 1935: 66.
Number of employees in 1933: 5.

Invaders Syndicate, Box 1322, Muskogee, Okla.
Arkansas office address: Box 763, Smackover, Ark.
Classification: producer of oil in Ouachita County.
Oil wells producing in 1935: 4.
Number of employees in 1935: average of 2-1/8.

Liberty Oil Co., Smackover, Ark. (Successor to Simms Co.)
Incorporated Aug. 25, 1935, under laws of State of Arkansas.
Capitalization: 500 shares of no par value.
Classification: producer of oil in Ouachita and Union counties.

Lion Oil Refining Co., Exchange Bldg., El Dorado, Ark.
Incorporated Nov. 19, 1923, under laws of State of Delaware.
Capitalization: \$2,450,000.
Classification: producer of oil and gas in Ouachita and Union counties. Also refining and retail sales.
Wells producing in 1935: oil, 140; gas, 3.
Number of employees in 1935: approximately 650.

Louisiana Oil Refining Corp., Slattery Bldg., Shreveport, La.
Arkansas office address: El Dorado, Ark.
Incorporated June 18, 1921, under laws of State of Virginia.
Capitalization in Arkansas: \$1,896,304.
Classification: producer of oil in Columbia, Ouachita, and Union counties. Also crude oil purchaser and refined oil marketer.
Oil wells producing in 1935: 114.
Number of employees in 1933: 10.

M. & W. Oil Corp., R.F.D. 90, El Dorado, Ark. (Successor to Imperial Oil & Gas Products Co.)
Incorporated Mar. 4, 1935, under laws of State of Arkansas.
Capitalization: 200 shares of no par value.
Officers: B. R. McClanahan, Agent.
Classification: producer of oil in Ouachita and Union counties.

Magnolia Petroleum Corp., Dallas, Texas.
Arkansas office address: El Dorado, Ark.; Little Rock, Ark., marketing.
Incorporated Nov. 30, 1925, under laws of State of Texas.

Capitalization in Arkansas: \$8,088,200.
 Classification: producer of oil in Miller, Ouachita, and Union counties; producer of gas in Ouachita and Union counties. Also marketer.
 Wells producing in 1935: oil, 235; gas, 1.
 Number of employees in 1935: 146.

Mansfield Gas Co., 13 North 7th St., Fort Smith, Ark.
 Incorporated Jan. 9, 1905, under laws of State of Arkansas.
 Capitalization: \$100,000.
 Classification: producer of natural gas in Sebastian County.
 Gas wells producing in 1935: 4.
 Number of employees in 1935: 5.

Marine Oil Co., El Dorado, Ark.
 Incorporated Feb. 27, 1924, under laws of State of Arkansas.
 Capitalization: \$500,000.
 Classification: producer of oil in Ouachita and Union counties.
 Oil wells producing in 1935: 57.
 Number of employees in 1935: not given.

Nadel, I., 310 Commercial Bldg., Tulsa, Okla. (Successor to Reserve Petroleum Co.)
 Arkansas office address: c/o Eckenrode, Box 9, Louann, Ark.
 Classification: producer of oil in Ouachita County.
 Oil wells producing in 1935: 23.
 Number of employees in 1935: 3.

Ohio Oil Co., The, 539 South Main St., Findlay, Ohio.
 Arkansas office address: Smackover, Ark.
 Incorporated May 17, 1922, under laws of State of Ohio.
 Capitalization in Arkansas: \$1,100,400.
 Classification: producer of oil in Columbia, Ouachita, and Union counties;
 Also producer of gas in Ouachita and Union counties, but did not report production in 1935. Also refiner and marketer of crude refined products.
 Wells producing in 1935: oil, 238; gas, 4.
 Number of employees in 1935: 52.

Ozark Natural Gas Co., 23 North Eighth Street, Fort Smith, Ark.
 Incorporated June 29, 1927, under laws of State of Delaware.
 Capitalization in Arkansas: \$237,500.
 Classification: producer of natural gas in Sebastian County.
 Gas wells producing in 1935: 21.
 Average number of employees in 1933: 2.

Phillips Petroleum Co., Bartlesville, Okla.
 Arkansas office address: Drawer T, Smackover, Ark.
 Incorporated Aug. 10, 1921, under laws of State of Arkansas.
 Capitalization: \$688,425.
 Classification: producer of oil in Ouachita and Union counties. Also refiner, marketer, and transport.
 Oil wells producing in 1935: 91.
 Number of employees in 1935: 92.

Ramage, S. Y., 408 Frisco Bldg., Joplin, Mo.
 Arkansas office address: Box 187, Route 1, Louann, Ark.
 Classification: producer of oil in Ouachita County.
 Oil wells producing in 1935: 5.
 Number of employees in 1935: 1.

Rauch, I., Box 1331, 1720 Maury St., Houston, Tex. (See GRC Co., Inc.)
 Classification: producer of oil and gas in Ouachita and Union counties.

Reynolds, Dave, Corp., Camden, Ark.
Incorporated Jan. 29, 1926, under laws of State of Arkansas.
Capitalization: \$600,000.
Classification: producer of oil in Ouachita County.
Oil wells producing in 1935: 80.
Number of employees in 1935: 3 (4 on commission).

River Valley Gas Co., 222 North Fourth St., St. Louis, Mo.
Arkansas office address: Paris, Ark.
Incorporated June 6, 1930, under laws of State of Delaware.
Capitalization: \$100,000.
Classification: producer of natural gas in Johnson County.
Gas wells producing in 1935: 2.
Number of employees in 1935: 1.

Root Petroleum Co., Shreveport, La.
Arkansas office address: El Dorado, Ark.
Incorporated Dec. 20, 1928, under laws of State of Delaware.
Capitalization: \$3,258,000.
Classification: producer of oil and gas in Union County.
Wells producing in 1933: oil, 27; gas, 1.
Number of employees in 1933: 208.

SHA Oil Corp., First National Bank Bldg., El Dorado, Ark.
Incorporated Nov. 8, 1934, under laws of State of Arkansas.
Capitalization: 10,000 shares of no par value.
Classification: producer of oil in Union County.

Simms Oil Co., 1007 Magnolia Bldg., Dallas, Texas.
Arkansas office address: Smackover, Ark.
Incorporated Aug. 9, 1922, under laws of State of Arkansas.
Capitalization: \$1,523,587.
Classification: producer of oil in Ouachita and Union counties. Also petroleum refiner.
Oil wells producing in 1935: 45.
Number of employees in 1935: 50.
Dissolved April 14, 1936. All properties transferred to Simms Co. on June 1, 1935, and all properties transferred from Simms Co. to Liberty Oil Co. on Sept. 1, 1935.

Skelly Oil Co., Skelly Bldg., Tulsa, Okla.
Arkansas office address: 202 Armstrong Bldg., El Dorado, Ark.
Incorporated Mar. 16, 1921, under laws of State of Delaware.
Capitalization: \$300,000.
Classification: producer of oil and gas in Ouachita and Union counties.
Wells producing in 1931: oil, 70, gas, 1.
Average number of employees in 1931: 23.9

Southern Gas Producing Co., 23 North Eighth St., Fort Smith, Ark.
Incorporated June 13, 1928, under laws of State of Delaware.
Capitalization: \$850.
Classification: producer of natural gas in Sebastian County.
Gas wells producing in 1935: 58.
Number of employees in 1935: not given.

Standard Oil Co. of Louisiana, 2134 St. Charles Ave., New Orleans, La.
Incorporated Sept. 12, 1913, under laws of State of Arkansas.
Capitalization: \$5,803,980.
Classification: producer of oil in Miller, Nevada, Ouachita, and Union counties, and producer of gas in Nevada, Ouachita, and Union counties.

Wells producing in 1935: oil, 297; gas, 5.
Number of employees in 1935: 282.

Texarkana Oil Corp., Box 896, Seminole, Okla.

Arkansas office address: East Ninth Street Road, Texarkana, Ark.
Incorporated Nov. 24, 1933, under laws of State of Arkansas.
Capitalization: \$25,000 (25,000 shares at \$1).
Classification: producer of oil in Miller County.
Oil wells producing in 1935: 3.
Number of employees in 1935: 8.

Texas Co., The, Box 2332, Houston, Texas.

Incorporated Mar. 24, 1927, under laws of State of Delaware.
Capitalization: \$1,936,620.
Classification: producer of oil in Ouachita and Union counties. Also producer of gas incidentally.
Oil wells producing in 1935: 128.
Number of employees in 1935: 70.

Thorntree Oil Corp., Route 4, Box 123, Texarkana, Ark.

Incorporated June 8, 1934, under laws of State of Arkansas.
Capitalization: \$35,000 (350 shares at \$100).
Classification: producer of oil in Miller County.
Oil wells producing in 1935: 2.
Number of employees in 1935: 8.

Turman Oil Co., 518 National Bank of Tulsa Bldg., Tulsa, Okla.

Arkansas office address: c/o Ben Brown, Smackover, Ark.
Incorporated Dec. 10, 1928, under laws of State of Delaware.
Capitalization: \$186,503.
Classification: producer of oil in Union County. (Also reported production of gas from Union County in 1935.)
Oil wells producing in 1935: 6.
Number of employees in 1935: 5.

Woodley Petroleum Co., Box 1163, Shreveport, La.

Arkansas office address: Box C C, Smackover, Ark.
Incorporated Apr. 4, 1922, under laws of State of Delaware.
Capitalization in Arkansas: \$316,875.
Classification: producer of oil in Ouachita County.
Wells producing in 1933: oil, 15; gas, 1.
Number of employees in 1933: 12.

RUTILE

Titanium Corp., The, Box 1565, Tulsa, Okla.

Incorporated Sept. 19, 1934, under laws of State of Arkansas.
Capitalization: \$5,000 (5,000 shares at \$1); \$1,000 paid in.
Officers: J. Garfield Buell, Pres.; S. W. Herndon, Vice Pres.; Monte Ledford, Supt.
Location of plant: Magnet Cove, Hot Spring County, 9 miles west of Malvern.
Material produced: crushed rutile concentrates.
Transportation: Chicago, Rock Island & Pacific Ry.
Capacity: 200 tons.
Equipment: grinding and processing plant.
Number of employees: 30.

SAND AND GRAVEL

- Arkadelphia Sand & Gravel Co., P. O. Box 517, Arkadelphia, Ark.
 Incorporated May 24, 1929, under laws of State of Arkansas.
 Capitalization: \$50,000.
 Officers: C. C. Hawkins, Pres., Arkansas City, Ark.; B. F. Hawkins, Mgr.,
 Arkadelphia, Ark., W. E. Allen, Supt.
 Location of plant: $\frac{1}{2}$ mile east of Arkadelphia, Clark County.
 Materials produced: sand and gravel from Ouachita River.
 Transportation: Missouri Pacific RR.
 Capacity: 20 cars sand and 40 cars gravel per day.
 Equipment: 10-inch centrifugal pump, dragline, narrow gage locomotive and cars,
 4 by 22-inch rotary screen.
 Number of employees: 3 to 15.
- Arkola Sand & Gravel Co., South Seventh and B Streets, Fort Smith, Ark.
 Incorporated May 18, 1926, under laws of State of Arkansas.
 Capitalization: \$60,000. All issued and outstanding.
 Officers: W. S. Dills, Pres.; H. A. Von Unwerth, Vice Pres.; W. W. Dills, Treas.
 and Gen. Mgr.
 Location of plant: Van Buren, Crawford County.
 Materials produced: sand, gravel and crushed gravel from Arkansas River in
 Sebastian County.
 Transportation: Missouri Pacific RR., St. Louis-San Francisco Ry., Kansas City
 Southern Ry., Midland Valley RR., Fort Smith & Western Ry.
 Capacity: 100 cars per day.
 Equipment: pump boat, complete washing and screening plant, and necessary track-
 age.
 Number of employees: average of 15.
- Bearden Gravel Co., Box 735, Pine Bluff, Ark.
 Officers: W. P. McGeorge, Owner.
 Location of plant: $1\frac{1}{2}$ miles west of Millville, Ouachita County.
 Material produced: road gravel, clay gravel for surface course materials.
 Transportation: St. Louis Southwestern Ry.
 Capacity: 40 cars per day.
 Equipment: 2 steam shovels, locomotives, and railroad.
 Number of employees: 15.
- Benton Gravel Co., Box 735, Pine Bluff, Ark.
 Incorporated June 20, 1924, under laws of State of Arkansas.
 Capitalization: \$25,000 (1,000 shares at \$25). Issued and outstanding, \$12,500.
 Officers: H. L. Dickinson, Pres., Little Rock, Ark.; Theresa Scheu, Vice Pres.;
 Pine Bluff.; W. P. McGeorge, Sec.-Treas.
 Location of plant: edge of town of Benton, Saline County.
 Material produced: clay surfacing gravel.
 Transportation: Missouri Pacific RR. and Chicago, Rock Island & Pacific Ry.
 Capacity: 50 cars per day.
 Equipment: 2 shovels, 2 locomotives, and necessary trackage.
 Number of employees: 15.
- Big Rock Stone & Material Co., Little Rock, Ark. (See also under Stone)
 Incorporated May 28, 1926, under laws of State of Arkansas.
 Capitalization: 6,253 shares of no par value.
 Officers: R. S. Wilson, Sr., Pres.; J. F. Loughborough, Vice Pres.; R. S. Wilson,
 Jr., Sec.-Treas.
 Location of plant: foot of North Ashley St., Pulaski County.
 Material produced: sand from Arkansas River.
 Transportation: Missouri Pacific RR., Chicago, Rock Island & Pacific Ry., and
 St. Louis Southwestern Ry.

Capacity: 300 cars per day.
 Equipment: dredge boats, steam shovels, tow boats, barges.
 Number of employees: 50 or 60.

Cotton Belt Gravel Co., Inc., Box 735, Pine Bluff, Ark.
 Incorporated Feb. 25, 1931, under laws of State of Arkansas.
 Capitalization: \$20,000 (800 shares common stock at \$25). Issued and outstanding, \$10,000.
 Officers: H. L. Dickinson, Pres., Little Rock, Ark.; Theresa Scheu, Vice Pres., Pine Bluff, Ark.; W. P. McGeorge, Sec.-Treas.
 Location of plant: at Bono, 3 miles west of Jonesboro, Craighead County.
 Material produced: clay surfacing gravel.
 Transportation: St. Louis Southwestern Ry.
 Capacity: 50 cars per day.
 Equipment: gas shovels, locomotives, and necessary trackage.
 Number of employees: 30.

Cross County Gravel Co., Box 735, Pine Bluff, Ark.
 Partnership composed of H. L. Dickinson, W. P. McGeorge, and E. L. Markham.
 Location of plants: No. 1 plant, 1 mile from Cherry Valley, Cross County.; No. 2 plant, at Alta Spur, 3 miles east of Wynne, on Copper's Creek, Cross County.
 Materials produced: No. 1 plant, concrete sand and gravel, clay surfacing gravel and railroad ballast; No. 2 plant, sand, creek gravel, screened creek gravel, and all classes of concrete material.
 Transportation: Missouri Pacific RR.
 Capacity: No. 1 plant, 15 cars washed gravel and 30 cars clay gravel per day; No. 2 plant, 4 cars sand and 6 cars gravel per day.
 Equipment: No. 1 plant, 2 locomotives, 4 steam shovels, dump cars, washing and screening plant and crusher; No. 2 plant, shovel, screening and washing plant.
 Number of employees: No. 1 plant, 48; No. 2 plant, 16.

Crow Creek Gravel & Sand Co., Box 4, Forrest City, Ark.
 Incorporated Feb. 3, 1923, under laws of State of Arkansas.
 Capitalization: \$50,000 (5,000 shares at \$10). Issued and outstanding, \$50,000.
 Officers: Oscar Kochtitzky, Pres.; J. R. Johnson, Vice Pres.; E. N. Clarke, Sec.; Tom Sharp, Plant Supt.
 Location of plant: 1 mile west of Madison, St. Francis County.
 Material produced: washed sand and gravel.
 Transportation: Chicago, Rock Island & Pacific Ry.
 Capacity: 10 cars sand and 20 cars gravel per day.
 Equipment: crushing, screening, and loading equipment.
 Number of employees: 20.

Gantt Gravel & Sand Co., Magnolia, Ark.
 Officers: C. J. Gantt, Pres.
 Location of plant: 7 miles west of Magnolia, Columbia County.
 Material produced: washed sand, washed gravel, and pit run gravel. (Did not report production of sand in 1935.)
 Capacity: 125 yards washed sand, 250 yards washed gravel, and 1,000 yards pit gravel per day.
 Transportation: 7 mile haul to Louisiana & North West RR.
 Equipment: shovel, trucks, complete washing and screening plant.
 Number of employees: 80.

Hope Brick Works, Hope, Ark. (See also Clay.)
 Officers: N. P. O'Neal, Owner; Frank Westfall, Supt.
 Location of plant: in Montgomery County, 1-5/8 miles north of Glenwood, Pike County.
 Material produced: washed sand and gravel.

Transportation: Missouri Pacific RR.
 Capacity: 1/2 car sand and 4 cars gravel per day.
 Equipment: drag line, dump cars, washing and screening plant, crusher and necessary trackage.
 Number of employees: 6.

Hudson Sand & Gravel Co., Batesville, Ark.

Incorporated Aug. 24, 1932, under laws of State of Arkansas.
 Capitalization: \$5,000 (200 shares at \$25).
 Location of plant: 1 mile northwest of Batesville, Independence County, in sec. 16, T. 13 N., R. 6 W., on bank of White River.
 Material produced: concrete sand and gravel from White River.
 Transportation: Missouri Pacific RR.
 Capacity: 2 cars sand and 4 cars gravel per day.
 Equipment: pumping and screening plant, 4 barges, crane, and necessary trackage.

Lincoln Gravel Co., Star City, Ark.

Incorporated Feb. 3, 1926, under laws of State of Arkansas.
 Capitalization: \$10,000 (400 shares at \$25). Issued and outstanding, \$10,000.
 Officers: A. J. Johnson, Pres.; V. O. Johnson, Supt.
 Location of plant: 1 mile southwest of Star City, Lincoln County.
 Material produced: clay gravel.
 Transportation: own track connects with Arkansas RR. at Star City.
 Capacity: 25 cars or more per day.
 Equipment: 2 locomotives and necessary trackage and shovel.
 Number of employees: 5.

Lutesville Sand & Gravel Co., Missourian Bldg., Cape Girardeau, Mo.

Incorporated Dec. 2, 1927, under laws of State of Missouri.
 Capitalization: \$25,000.
 Officers: A. W. Harrison, Pres.; Cape Girardeau, Mo.; W. T. Kyger, Supt., Black Rock, Ark.
 Location of plant: in town of Black Rock, Lawrence County.
 Material produced: sand and gravel from Spring River.
 Transportation: St. Louis-San Francisco Ry.
 Capacity: 10 cars sand and 20 cars gravel per day.
 Equipment: 2-yard cable bucket, complete washing and screening plant, and necessary trackage.

Malvern Gravel Co., Malvern, Ark.

Incorporated Jan. 23, 1932, under laws of State of Delaware.
 Capitalization: \$30,000 (300 shares at \$100).
 Officers: H. F. Riley, Pres.
 Location of plant: 2 miles from Malvern, Hot Spring County.
 Material produced: washed sand, washed gravel, and railroad ballast.
 Transportation: 2 miles to Walco, on Missouri Pacific RR. and Chicago, Rock Island & Pacific Ry.
 Capacity: 60 cars per day.
 Equipment: Stephens-Adams washing plant, Monighan drag-lines, standard gage cars and locomotives.
 Number of employees: 25.

Meriwether Sand & Gravel Co., Inc., Box 1365, Shreveport, La.

Incorporated May 16, 1925, under laws of State of Louisiana.
 Capitalization: \$75,000. Issued and outstanding, \$68,000.
 Officers: A. E. Meredith, Supt.
 Location of plant: 2 miles northeast of Lewisville, Lafayette County.
 Material produced: sand, gravel, and road gravel. (Did not report production of sand in 1935.)
 Transportation: St. Louis Southwestern Ry.

Capacity: 200,000 tons per year.
 Equipment: 2 locomotives, 3 drag-lines, washing and screening plant, and necessary trackage.
 Number of employees: 20.

Mobley Construction Co., Morrilton, Ark.

Partnership composed of R. Mobley, B. Mobley, and M. J. Mobley.
 Location of plants: Newport, Jackson County; north of Dardanelle, Yell County.
 Material produced: Newport plant, sand and gravel from White River; Dardanelle plant, sand and gravel from Arkansas River. (Did not report production of sand from Yell County in 1935.)
 Transportation: Newport, Missouri Pacific RR. and Chicago, Rock Island & Pacific Ry.; Dardanelle, Chicago, Rock Island & Pacific Ry., Dardanelle & Russellville RR., and Fort Smith, Subiaco & Rock Island RR.
 Equipment: pump boat, power boat, barges, cranes, complete washing and screening plant, and necessary trackage.

Newark Sand & Gravel Co., Box 735, Pine Bluff, Ark.

Incorporated Feb. 25, 1931, under laws of State of Arkansas.
 Capitalization: \$20,000 (800 shares of common stock at \$25). Issued and outstanding, \$10,000.
 Officers: H. L. Dickinson, Pres., Little Rock, Ark.; Theresa Scheu, Vice Pres.; W. P. McGeorge, Sec.-Treas.
 Location of plant: Benton, Saline County.
 Material produced: road surfacing gravel.
 Transportation: Chicago, Rock Island & Pacific Ry., and Missouri Pacific RR.
 Plant was abandoned in 1935.

Pearl City Packet Co., Newport, Ark.

Incorporated June 19, 1916, under laws of State of Arkansas.
 Capitalization: \$5,000.
 Officers: S. Heinemann, Pres.; S. Heinemann, Jr., Vice Pres.; H. Brasch, Sec.; Mrs. S. Heinemann, Treas.
 Location of plant: near city limits of Newport, Jackson County, on White River.
 Material produced: concrete sand and gravel from White River.
 Transportation: Missouri Pacific RR. Can also switch to Chicago Rock Island & Pacific Ry.
 Capacity: 4 cars sand and 6 cars gravel per day.
 Equipment: equipped for screening and washing.
 Number of employees: 18.

Pine Bluff Sand & Gravel Co., Box 735, Pine Bluff, Ark.

Incorporated Nov. 20, 1913, under laws of State of Arkansas.
 Capitalization \$10,000.
 Officers: W. P. McGeorge, Pres.; Harvey Hogg, Vice Pres.; Theresa Scheu, Sec.
 Location of plants: Upper plant, 1 mile east of Pine Bluff, Jefferson County; Lower plant, 1½ miles east of Pine Bluff, Jefferson County. (Also reported production of gravel from near Rison, Cleveland County, in 1935.)
 Material produced: washed and screened sand from Arkansas River.
 Transportation: St. Louis Southwestern Ry.
 Capacity: Upper plant, 10 cars sand per day; Lower plant, 15 cars sand per day.
 Equipment: Upper plant, pump boat, barge, washing and screening plant, crane, and trackage; Lower plant, pump boat, gravity classifier, washing and screening plant, and trackage.
 Number of employees: Upper plant, 15; Lower plant, 15.

Producers Gravel & Sand Co., Inc., The, Box 1615, Shreveport, La.

Incorporated Sept. 28, 1928, under laws of State of Louisiana.
 Capitalization: \$45,283.
 Officers: C. M. Brough, Pres.; J. F. Jones, Vice Pres.; J. E. Juban, Sec.-Treas.
 Location of plant: Wilton, Little River County.

Material produced: washed sand and gravel from Little River.
 Transportation: Kansas City Southern Ry.
 Capacity: 20 cars per day.
 Equipment: dipper dredge, barges, and trackage.
 Number of employees: 15.

Reader Gravel Co., Shreveport, La.

Arkansas office: Reader, Ark.
 Incorporated Aug. 1, 1927, under laws of State of Arkansas.
 Capitalization: \$50,000 (500 shares at \$100). Paid in, \$15,000; issued and outstanding, \$31,000.
 Officers: Nat Brown, Pres.; J. B. Burton, Vice Pres.; Brown McCullough, Sec.-Treas.; Hugh Randolph, Supt.
 Location of plant: $\frac{1}{2}$ mile northwest of Reader, Ouachita County.
 Material produced: washed sand and gravel. (Reported production of gravel from Nevada and Ouachita counties in 1935.)
 Transportation: Missouri Pacific RR.
 Capacity: 6 cars sand and 25 cars gravel.
 Equipment: draglines, locomotive cranes, pump dredges, electric power.
 Number of employees: about 30.

Whelen Springs Gravel Co., Whelen Springs, Ark.

Officers: J. M. Scanlon, owner and operator.
 Location of plant: $\frac{1}{4}$ mile from Whelen Springs, Clark County.
 Material produced: clay sand gravel for surface course material.
 Transportation: Missouri Pacific RR.
 Capacity: 35 cars per day.
 Equipment: 2 steam shovels, 1 locomotive, necessary trackage.
 Number of employees: 6 to 15.

The following also reported production of sand and gravel in Arkansas during 1935, but information concerning their organizations is not available:

<u>Name</u>	<u>Address</u>	<u>County</u>	<u>Material produced</u>
Abraham, J. T.	Arkadelphia	Clark	Gravel
Ashcraft, C. V.	Rye	Cleveland	Gravel
Ballard, G. W.	Sparkman	Dallas	Gravel
Barnett, J. F. & C. A.	Batesville	Independence	Gravel
Batten, Albert	Paragould	Greene	Gravel
Benton, Hugh	Fordyce	Dallas	Gravel
Blissenbach, Peter	Pocahontas	Randolph	Gravel
Byrum & Mann	Van Buren	Crawford	Sand and gravel
Clift, M. H.	Melbourne	Izard	Gravel
Clyne, Dr. A. G.	Paragould	Greene	Gravel
Consolidated Gravel Co.	Jonesboro	Craighead	Gravel
Cook, C. W.	Bono	Craighead	Gravel
Cunningham, E.	Mountain Home	Baxter	Sand and gravel
Curlee, Florence	DeQueen	Sevier	Gravel
Drummond, Marvin	Sparkman	Dallas	Gravel
Emerson, W. D.	Prescott	Nevada	Gravel
Friar, C. C.	Paris	Logan	Sand and gravel
Harper & James	Fort Smith	Sebastian	Sand and gravel
Helton, Ed	Pollard	Clay	Gravel
Howard, J. W.	Hatfield	Polk	Gravel
Jacobs, Mrs. Josie	Delight	Pike	Gravel
Jansen, Will	Pocahontas	Randolph	Gravel
Johnson, C. W.	Helena	Phillips	Gravel
Johnson, Ira	Monticello	Drew	Gravel

<u>Name</u>	<u>Address</u>	<u>County</u>	<u>Material produced</u>
King, Jessie	Charlotte	Independence	Gravel
King, Miss M. D.	Jonesboro	Craighead	Gravel
Lawson, A. R.	Warren	Bradley	Gravel
Lewis, Paul	Ladelle	Drew	Gravel
Linke, Louis	Paragould	Greene	Gravel
Lotta & Gossett	Pollard	Clay	Gravel
Lynch, Mrs. J. T.	Lewisville	Lafayette	Gravel
Lyon, J. D.	Warren	Bradley	Gravel
McCauley, Henry E.	Wickes	Polk	Gravel
Miller, F. J.	Bono	Craighead	Gravel
Miller, J. A.	New Edinburg	Cleveland	Gravel
Mitchell, D. F.	Monticello	Drew	Gravel
Nelson, Charles	Paris	Logan	Sand
Nelson, J. P.	Cushman	Independence	Gravel
Nowlin, E.	Arkadelphia	Clark	Gravel
Oliver, Dolan	Rector	Clay	Gravel
Painter, Nora	Batesville	Independence	Gravel
Penny, Tom	Lockesburg	Sevier	Gravel
Pollard, O. J.	Piggott	Clay	Gravel
Porter, T. L.	Sparkman	Dallas	Gravel
Reynolds, Charles W.	Warren	Bradley	Gravel
Roberts, Fred	Gainesville	Greene	Gravel
Rowe, O. B.	Hatfield	Polk	Gravel
Shoemaker, Glover L.	Beech Grove	Greene	Gravel
Simmons, Arthur	Prescott	Nevada	Gravel
Smith, G. W.	Van Buren	Sebastian	Sand and gravel
Smith, Rufus	Kingsland	Cleveland	Gravel
Smith & Russell	Fordyce	Dallas	Gravel
Southwest Sand & Gravel Co.	Springfield, Mo.	Marion	Sand and gravel
Ed Taylor	Stella	Izard	Gravel
Twin City Lumber & Supply Co.	Fort Smith	Sebastian	Sand
Union Church	Rye	Cleveland	Gravel
Van Buren Sand & Gravel Co.	Fort Smith	Crawford	Sand and gravel
Walker, J. C.	Ben Lomand	Sevier	Gravel
West, A. W.	Kingsland	Cleveland	Gravel
Williams, C. F., & Sons	Paragould	Greene	Gravel
Wilson, George	Monticello	Drew	Gravel

STONE

Arkansas Black Marble Co., South Main Street, Batesville, Ark.

Incorporated Mar. 23, 1935, under laws of State of Arkansas.

Capitalization: 3,000 shares at no par value.

Officers: Roy N. Jeffery, Pres.; Geo. J. Terry, Jr., Vice Pres.; Geo. J. Terry, Sec.-Treas.

Location of quarry: 2 miles south of Locust Grove, Independence County.

Material produced: black marble blocks, slabs, and terrazzo.

Transportation: Missouri Pacific RR. at Batesville.

Equipment: Marion gas shovel, derricks, quarry tools, terrazzo plant, trucks, dump, pickup, regular 3 dragline winches.

Batesville White Lime Co., Batesville, Ark.

Incorporated Mar. 12, 1910, under laws of State of Arkansas.

Capitalization: \$300,000. Issued and outstanding, \$300,000.

Officers: W. W. Fischer, Pres.; W. N. Fry, Vice Pres.; H. R. Case, Sec.-Treas.

Location of quarry: quarry and 6 kilns at Limedale, Independence County. (The quarry and 3 kilns at Ruddells, Izard County, did not report production in 1935.)

Material produced: burnt lime, pulverized lime, and hydrate, crushed stone products, and agricultural limestone.
 Transportation: Missouri Pacific RR.
 Capacity: 120 tons per day. (Capacity of plant at Ruddells, 40 tons per day.)
 Equipment: Lime plant, crushing plant, electrified throughout. Electric shovel and gasoline shovel for loading at quarry; steam and gas engine locomotives for transporting stone from quarries to kilns and crusher. (Equipment of plant at Ruddells: lime plant; hand loading at quarry; gasoline engine locomotives for transporting stone from quarry to kilns.)
 Number of employees: 100. (Ruddells: 30 when operating.)

Big Rock Stone & Material Co., Little Rock, Ark. (See also Sand.)
 Incorporated May 28, 1926, under laws of State of Arkansas.
 Capitalization: 6,253 shares at no par value.
 Officers: R. S. Wilson, Sr., Pres.; J. F. Loughborough, Vice Pres.; R. S. Wilson, Jr., Sec.-Treas.
 Location of quarry: at foot of Big Rock Pulaski County.
 Material produced: crushed trap rock and crushed stone.
 Transportation: Chicago, Rock Island & Pacific Ry., Missouri Pacific RR., and St. Louis Southwestern Ry.
 Capacity: 50 carloads per day.
 Equipment: 1 shovel, 7 crushers, and necessary trackage.
 Number of employees: 75.

Independence County Marble Co., Batesville, Ark.
 Incorporated Dec. 20, 1922, under laws of State of Arkansas.
 Capitalization: \$100,000 (10,000 shares at \$10). Issued and outstanding, \$14,870.
 Officers: John Seery, Pres.; V. V. Bates, Sec.-Treas.
 Location of quarry: near Limedale, Independence County.
 Material produced: monumental marble.
 Transportation: Missouri Pacific RR.
 Capacity: about 2 cars sawed marble per week.
 Equipment: 30-ton derrick, 30-ton power, 2 gang saws, wire saw for sawing marble out of quarry, air compressor and Diesel oil engine.

Kimzey, Joe W., Magnet, Ark.
 Location of quarry: Magnet Cove, Hot Spring County.
 Material produced: roofing granules from green syenite.
 Transportation: trucked to Cove Creek Station on Chicago, Rock Island and Pacific Ry.
 Capacity: 50 tons per 10-hour day.
 Equipment: jig crusher, roll crusher, screens, etc.
 Number of employees: 16.

Ozark White Lime Co., Fayetteville, Ark.
 Incorporated Oct. 20, 1902, under laws of State of Arkansas.
 Capitalization: \$100,000 (4,000 shares at \$25). All issued and outstanding.
 Officers: F. O. Gulley, Pres.; V. Q. Blumberg, Gen. Mgr.; Andy Cardwell, Supt.
 Location of quarry: Johnson, Washington County.
 Material produced: burnt lime and hydrate.
 Transportation: St. Louis-San Francisco Ry.
 Capacity: 30 tons burnt lime, 20 tons hydrate per day.
 Equipment: electrical throughout; hydrating plant in connection with kilns.
 Number of employees: 30.

White River Marble & Building Stone Co., Cartney, Ark.
 Incorporated May 25, 1920, under laws of State of Arkansas.
 Capitalization: \$12,000.
 Officers: John M. Hawkins, Pres., Springfield, Mo.; Joe George, Sec., Mountain

Home, Ark.

Location of quarry: Cartney, Baxter County.
 Material produced: Red Arkansas fossil marble for interior decorating.
 Transportation: Missouri Pacific RR.
 Capacity: about 250 cubic feet per week.
 Equipment: air drilling, derricks, wire saw.
 Number of employees: 4 or 5.

Womble, W. E., & Sons, Fort Smith, Ark.

This company reported production of sandstone riprap in 1935 from Clark, Conway, Crawford, Faulkner, Garland, Independence, Izard, Johnson, Marion, Pike, Pope, and Sebastian counties, but no information concerning the organization is available.

TRIPOLI

Corona Products, Inc., Rogers, Ark.

Incorporated Dec. 11, 1930, under laws of State of Arkansas.
 Capitalization: \$50,000.
 Officers: O. F. Mayfield, Pres.; Dr. Bisbee, Vice Pres.; Mrs. G. A. Mayfield, Sec.; R. C. Jones, Treas.
 Location of plant: Rogers, Benton County.
 Material produced: silica flour, amorphous.
 Transportation: St. Louis-San Francisco Ry.
 Capacity: 60 tons per 24 hours.
 Equipment: ball mill, tubular steam drier, air classifier, Hummer screens, Hammer mill, trucks, etc.
 Number of employees: 14 to 20.

ZINC

Hicks, R. A., Rush, Ark.

Location of mine: Rush, Marion County.
 Name of mine: McIntosh Mine.
 Material produced: zinc carbonate, free sulfide.
 Transportation: Missouri Pacific RR.
 Equipment: air compressor, jack hammer, cars, etc.

Urschel Lead & Zinc Mines, Inc., Rush, Ark. (See also Lead.)

Incorporated Feb. 5, 1934, under laws of State of Arkansas.
 Capitalization: 10,000 shares at no par value; \$20,000 paid in.
 Officers: B. H. Urschel, Pres.; G. K. Urschel, Vice Pres. and Treas.; H. C. Urschel, Sec. and Gen. Mgr.
 Location of mine: Rush, Marion County. (Also reported production of zinc from Newton County in 1935.)
 Name of mine: Lonnie Boy Mine.
 Material produced: zinc.
 Transportation: Missouri Pacific RR. and Missouri & North Arkansas Ry.
 Equipment: 100-ton mill.

III. LIST OF MINERAL OPERATORS IN 1935 GROUPED BY COUNTIES

Baxter County

Cunningham, E., sand and gravel
White River Marble & Building
Stone Co., stone

Benton County

Corona Products, Inc., tripoli

Boone County

Everton Silica Sand Co., Inc.,
glass sand

Bradley County

Lawson, A. R., gravel
Lyon, J. D., gravel
Reynolds, Charles W., gravel

Clark County

Abraham, J. T., gravel
Arkadelphia Sand & Gravel Co.,
sand and gravel
Nowlin, E., gravel
Whelen Springs Gravel Co., gravel
Womble, W. E. & Sons, stone

Clay County

Helton, Ed, gravel
Lotta & Gossett, gravel
Oliver, Dolan, gravel
Pollard, O. J., gravel
Womble, W. E., & Sons, stone

Cleveland County

Ashcraft, C. V., gravel
Millar, J. A., gravel
Pine Bluff Sand & Gravel Co.,
gravel
Smith, Rufus, gravel
Union Church, gravel
West, A. W., gravel

Columbia County

Gantt Gravel & Sand Co., gravel
Louisiana Oil Refining Corp., oil
Ohio Oil Co., The, oil

Conway County

Womble, W. E., & Sons, stone

Craighead County

Consolidated Gravel Co., gravel
Cook, C. W., gravel
Cotton Belt Gravel Co., Inc., gravel
Jonesboro Brick Co., clay
King, Miss M. D., gravel
Miller, F. J., gravel

Crawford County

Byrum & Mann, sand and gravel
Industrial Oil & Gas Co., gas
Van Buren Sand & Gravel Co.,
sand and gravel
Womble, W. E., & Sons, stone

Cross County

Cross County Gravel Co., gravel

Daklas County

Ballard, G. W., gravel
Benton, Hugh, gravel
Drummond, Marvin, gravel
Porter, T. L., gravel
Smith & Russell, gravel

Drew County

Johnson, Ira, gravel
Lewis, Paul, gravel
Mitchell, D. F., gravel
Wilson, George, gravel

Faulkner County

Womble, W. E., & Sons, stone

Franklin County

Altus Supreme Coal Co., coal
Altus Valley Coal Co., coal
Black Diamond Coal Co., coal
Blue Star Coal Co., coal
Brookshire Coal Co., coal
Brown, A., Coal Co., coal
Burns & Smith Coal Co., coal
Charleston Coal Co., coal
Coleman Coal Co., coal
Evans & Leding, coal
Green, D. S., coal
Greeson, M. W., gas
Groeber, P. M., coal
Holmes, Fuller, coal
Liberty Coal Co., coal
Melton Coal Co., coal
Quality Coal Co., coal
Smith, R. H., Coal Co., coal
Stewart Coal Co., coal
Womble, W. E., & Sons, stone

Garland County

Womble, W. E. & Sons, stone

Greene County

Batten, Albert, gravel
Clyne, Dr. A. G., gravel
Linke, Louis, gravel
Roberts, Fred, gravel

Greene County (continued)

Shoemaker, Glover L., gravel
Williams, C. F., & Sons, gravel

Hempstead County

Hope Brick Works, clay

Hot Spring County

Acme Brick Co., clay
Ada Brick Co., bentonite
Kimzey, Joe W., stone
Malvern Brick & Tile Co., clay
Malvern Gravel Co., sand and gravel
Titanium Corp., The, rutile

Howard County

Arkansas Portland Cement Co., cement

Independence County

Arkansas Black Marble Co., stone
Barnett, J. F. & C. A., gravel
Batesville White Lime Co., stone
Denison, Walter H., manganese
Hudson Sand & Gravel Co., sand and gravel
Independence County Marble Co., stone
King, Jessie, gravel
Nelson, J. P., gravel
Painter, Nora, gravel
Reither, A. B., manganese
Womble, W. E., & Sons, stone

Izard County

Clift, M. H., gravel
Silica Products Co., Inc., glass sand
Taylor, Ed, gravel
Womble, W. E., & Sons, Stone

Jackson County

Mobley Construction Co., sand and gravel
Pearl City Packet Co., sand and gravel

Jefferson County

Pine Bluff Sand & Gravel Co., sand

Johnson County

Acme Coal Co., coal
Arkansas Anthracite Coal Co., coal
Arkansas-Louisiana Gas Co., gas
Becker, Fred, coal
Clark Coal Co., coal
Clark-McWilliams Coal Co., coal
Cline Bros. Coal Co., coal
Collier-Dunlap Coal Co., coal
Crescent-Philpot Coal Co., coal
Diamond Anthracite Coal Co., coal
Dickerson, N. B., coal

Gage, Dee, Coal Co., coal
Hanshaw, S. V., coal
Harding Coal Co., coal
Jacobs, E. L., Mine, coal
Lewis Coal Co., coal
McKinney, D. A., Coal Co., coal
Miners Coal Co., coal
Nichols, Ray, Coal Co., coal
Ra-Ja-Da Anthracite Co., coal
River Valley Gas Co., gas
Robertson Coal Co., coal
Smokeless Coal Co., coal
Spadra Coal Co., coal
Sterling Coal Co., coal
Sunshine Anthracite Coal Co., coal
Willey, E. D., coal
Womble, W. E. & Sons, stone

Lafayette County

Lynch, Mrs. J. T., gravel
Meriwether Sand & Gravel Co., gravel

Lawrence County

Lutesville Sand & Gravel Co., sand and gravel

Lincoln County

Lincoln Gravel Co., gravel

Little River County

Producers Gravel & Sand Co., Inc., sand and gravel

Logan County

Argo Coal Co., coal
Aurora Coal Co., coal
Bartsch, Johnnie, coal
Benson, H. C., coal
Blue Ribbon Corp., coal
Brandon, W. J., coal
Butler & Hice, coal
Carbon Coal Co., coal
Dixie Fuel Co., coal
Economy Coal Co., coal
Eureka Coal Co., coal
Friar, C. C., sand and gravel
Goldsworthy, John, coal
Goldsworthy, Opie, coal
Ideal Coal Co., coal
Jewel Mining Co., coal
Kuykendall, E. L., coal
Mack Coal Co., coal
Nelson, Charles, sand
New Deal Coal Co., Paris, coal
New Deal Coal Co., Prairie View, coal
New Shockley Coal Co., coal
New Superfuel Coal Co., coal

Logan County (continued)

Paris Purity Coal Co., coal
 Red Glow Coal Corp., coal
 Rowland, H. I., coal
 Schmalz Bros. & Gack, coal
 Sewell & Foster, coal
 Sullivan Coal Co., coal
 Turner, R. B., coal
 Victor Coal Co., coal
 Watson & Sons Coal Co., coal

Marion County

Hicks, R. A., zinc
 Southwest Sand & Gravel Co., sand
 and gravel
 Urschel Lead & Zinc Mines, Inc.,
 zinc
 Womble, W. E., & Sons, stone

Miller County

Dickey, W. S., Clay Mfg. Co.,
 clay
 Duluth-Arkansas Oil Co., oil
 Magnolia Petroleum Corp., oil
 Standard Oil Co. of Louisiana, oil
 Texarkana Oil Corp., oil
 Thorntree Oil Corp., oil

Montgomery County

Hope Brick Works, sand and gravel

Nevada County

Berry Asphalt Co., oil
 Emerson, W. D., gravel
 Reader Gravel Co., gravel
 Simmons, Arthur, gravel
 Standard Oil Co. of Louisiana, oil
 and gas

Newton County

Urschel Lead & Zinc Mines, Inc.,
 lead and zinc

Ouachita County

Bearden Gravel Co., gravel
 Clark, H. E., oil
 Continental Oil Co., oil
 Crosbie, J. E., Inc., oil
 Cumberland Petroleum Co., oil
 Empire Oil & Refining Co., oil
 Federal Oil Marketing Corp., oil
 and gas
 GRC Oil Co., Inc., oil and gas
 Gulf Refining Co. of Louisiana,
 oil and gas
 Helena Oil & Gas Co., oil
 Hollyfield & McFarlane, oil
 Hunt, H. L., oil and gas
 Invaders Syndicate, oil

Liberty Oil Co., oil
 Lion Oil Refining Co., oil and gas
 Louisiana Oil Refining Corp., oil
 M. & W. Oil Corp., oil
 Magnolia Petroleum Corp., oil and
 gas
 Marine Oil Co., oil
 Nadel, I., oil
 Ohio Oil Co., The, oil
 Phillips Petroleum Co., oil
 Ramage, S. Y., oil
 Rauch, I., oil and gas
 Reader Gravel Co., gravel
 Reynolds, Dave, Corp., oil
 Simms Oil Co., oil
 Skelly Oil Co., oil and gas
 Standard Oil Co. of Louisiana, oil
 and gas
 Texas Co., The, oil and gas
 Woodley Petroleum Co., oil

Phillips County

Johnson, C. W., gravel

Pike County

Isbell, Fletcher F., mercury
 Jacobs, Mrs. Josie, gravel
 Mid-Continent Quicksilver Co.,
 mercury
 Robens Mining Co., mercury
 Womble, W. E., & Sons, stone

Polk County

Howard, J. W., gravel
 McCaulty, Henry E., gravel
 Rowe, O. B., gravel

Pope County

Bernice Anthracite Coal Co., coal
 Smith Coal Co., coal
 Womble, W. E., & Sons, stone

Pulaski County

American Cyanamid & Chemical Corp.,
 bauxite
 Big Rock Stone and Material Co.,
 sand and stone
 Crouch Mining Co., Inc., bauxite
 Dixie Bauxite Co., bauxite
 Republic Mining & Manufacturing
 Co., bauxite

Randolph County

Blissenbach, Peter, gravel
 Jansen, Will, gravel

St. Francis County

Crow Creek Gravel & Sand Co., sand
 and gravel

Saline County

American Cyanamid & Chemical Corp.,
bauxite
Arkansas Bauxite Corp., bauxite
Benton Gravel Co., gravel
Crawford Bauxite Co., bauxite
Newark Sand & Gravel Co., gravel
Niloak Pottery & Tile Co., clay
Republic Mining & Manufacturing Co.,
bauxite
West, Robert V., bentonite

Scott County

Long & Couch Coal Co., coal

Sebastian County

Acme Brick Co., clay
Alexander & Griffith, coal
Arkola Sand & Gravel Co., sand and
gravel
Barr Coal Co., coal
Boyd Excelsior Fuel Co., coal
Burch Coal Co., coal
Excelsior Coal Co., Greenwood, coal
Excelsior Coal Co., Hackett, coal
Excelsior Coal Corp., coal
Excelsior Red Ash Coal Co., coal
Excelsior Thin Vein Coal Co., coal
Fork, Jim, Coal Co., coal
Fort Smith-Bonanza Coal Co., coal
Fort Smith Coal Co., coal
Graham-Henson Coal Co., coal
Great Western Coal Co., coal
Harper & James, sand and gravel
Jackson Coal Co., coal
Little Ben Coal Corp., coal
Looper Coal Co., coal
McAdoo, S. A., coal
Majestic Coal Mining Co., coal
Mansfield Gas Co., gas
Melton Excelsior Coal Co., coal
Midland Coal Mining Co., coal
Mumey, John B., Coal Co., coal
Ozark Natural Gas Co., gas
Red Rock Coal Co., coal
Reinhard-Barr Coal Co., coal
Ruttle Coal Co., coal
Sebastian Coal Co., coal
Smith, G. W., sand and gravel
Smrekar, Frank, coal
Southern Gas Producing Co., gas
Sun Smokeless Coal Co., coal
Twin City Lumber & Supply Co., sand
Vandermueley, Jules, coal
Womble, W. E., & Sons, stone
Young, R. A., & Son, coal

Sevier County

Curlee, Florence, gravel

Penny, Tom, gravel
Walker, J. C., gravel

Union County

Arkansas Fuel Oil Co., oil
Clark, H. E., oil
Crosbie, J. E., Inc., oil
Federal Oil Marketing Corp., oil
and gas
GRC Oil Co., Inc., oil and gas
Gulf Refining Co. of Louisiana, oil
and gas
Helena Oil & Gas Co., oil
Henderson Co., The, oil
Hollyfield & McFarlane, oil
Hunt, H. L., Inc., oil and gas
Imperial Oil & Gas Products Co.,
oil
Liberty Oil Co., oil
Lion Oil Refining Co., oil and gas
Louisiana Oil Refining Corp., oil
M. & W. Oil Corp., oil
Magnolia Petroleum Corp., oil and
gas
Marine Oil Co., oil
Ohio Oil Co., The, oil
Phillips Petroleum Co., oil
Rauch, I., oil and gas
Root Petroleum Co., oil and gas
SHA Oil Corp., oil
Simms Oil Co., oil
Skelly Oil Co., oil and gas
Standard Oil Co. of Louisiana, oil
and gas
Texas Co., The, oil and gas
Turman Oil Co., oil and gas

Washington County

Allen Bros., coal
Napier, G. C., coal
Ozark White Lime Co., stone
Stansberry, J. T., coal
Turner, M. B., coal

Yell County

Mobley Construction Co., sand and
gravel